Appendix P

318 Nevins Street, Brooklyn, NY

318 NEVINS STREET
KINGS COUNTY

BROOKLYN, NEW YORK

SITE MANAGEMENT PLAN

NYSDEC Site Number: C224350

Prepared for:

Gowanus 300 Nevins Street LLC

Gowanus Nevins North LLC and Gowanus Nevins South LLC

Prepared by:

Impact Environmental and Geology PLLC

170 Keyland Court

Bohemia, New York

Revisions to Final Approved Site Management Plan:

Revision No.	Date Submitted	Summary of Revision	NYSDEC Approval Date
1	5/5/2026	SMP revised per 4/1/2026 NYSDEC Comment Letter	
2	8/5/2026	SMP revised per 7/7/2026 NYSDEC Comment Letter	

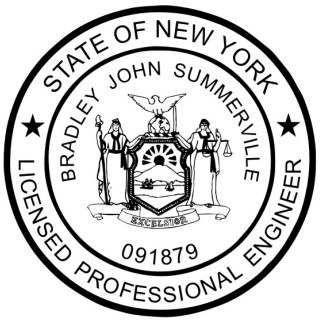
AUGUST 2026

CERTIFICATION STATEMENT

I Brad Summerville, certify that I am currently a NYS registered professional engineer as in defined in 6 NYCRR Part 375] and that this Site Management Plan was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and Green Remediation (DER-31).

_____ P.E.

August 8, 2026 DATE



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List of Acronyms

BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
CAMP	Community Air Monitoring Plan
C/D	Construction and Demolition
COC	Certificate of Completion
CP	Commissioner Policy
DER	Division of Environmental Remediation
DNAPL	Dense Non Aqueous Phase Liquid
DUSR	Data Usability Summary Report
EC	Engineering Control
ELAP	Environmental Laboratory Approval Program
EWP	Excavation Work Plan
GWE&T	Groundwater Extraction and Treatment
HASP	Health and Safety Plan
IC	Institutional Control
MGP	Manufactured Gas Plant
NAPL	Non Aqueous Phase Liquid
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
NYCRR	New York Codes, Rules and Regulations
O&M	Operation and Maintenance
OM&M	Operation, Maintenance and Monitoring
OSHA	Occupational Safety and Health Administration
P.E. or PE	Professional Engineer
PFAS	Per- and Polyfluoroalkyl Substances
PID	Photoionization Detector
PRR	Periodic Review Report
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
QEP	Qualified Environmental Professional
RAO	Remedial Action Objective
RAWP	Remedial Action Work Plan
RCRA	Resource Conservation and Recovery Act
RI/FS	Remedial Investigation/Feasibility Study
RP	Remedial Party
RSO	Remedial System Optimization
SCO	Soil Cleanup Objective
SMP	Site Management Plan
SOP	Standard Operating Procedures
SPDES	State Pollutant Discharge Elimination System
SSD	Sub-slab Depressurization

SVE	Soil Vapor Extraction
SVI	Soil Vapor Intrusion
TAL	Target Analyte List
TCL	Target Compound List
TCLP	Toxicity Characteristic Leachate Procedure
USEPA	United States Environmental Protection Agency
UST	Underground Storage Tank
VCP	Voluntary Cleanup Program

ES EXECUTIVE SUMMARY

The Site Management Plan (SMP) is a required element of the remedial program for the 318 Nevins Street Site, No. C224350, located in Brooklyn, New York, which achieved a site-specific Track 4 remedy. After completion of the remedial work, some remaining contamination was left at this Site; this SMP will be effective until such a time that the effectiveness of the remedy and engineering controls implemented at the Site are proven to meet the remedial action objectives for the Site.

The following provides a brief summary of the controls implemented for the Site, as well as the inspections, monitoring, maintenance and reporting activities required by this Site Management Plan:

Site Identification:	Brownfield Cleanup Program No. C224350 318 Nevins Street, Brooklyn, NY
Institutional Controls:	1. The property may be used for Restricted-Residential use as defined in 6 NYCRR Part 375-1.8(g)(2)(ii), Commercial use as defined in 6 NYCRR Part 375-1.8(g)(2)(iii), and industrial use as designated in 6 NYCRR Part 375-1.8(g)(2)(iv);
	2. ICs are listed in Section 3.2 and include: 1) All ECs must be operated and maintained as specified in this SMP; 2) All ECs must be inspected at a frequency and in a manner defined in the SMP; 3) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the NYC Department of Health and Mental Hygiene (NYCDOHMH) to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department; 4) Groundwater and other environmental or public health monitoring must be performed as defined in this SMP; 5) Data and information pertinent to site management must be reported at the frequency

Site Identification:	Brownfield Cleanup Program No. C224350 318 Nevins Street, Brooklyn, NY
	and in a manner as defined in this SMP; 6) All future activities that will disturb remaining contaminated material must be conducted in accordance with this SMP; 7) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in this SMP; 8) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in this SMP; 9) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement; 10) Any on-site buildings will be required to have a sub-slab depressurization system, or other acceptable measures, to mitigate the migration of vapors into the building from the subsurface.; 11) Vegetable gardens and farming on the site are prohibited; and 12) An evaluation shall be performed to determine the need for further investigation and remediation should large scale redevelopment occur, if any of the existing structures are demolished, or if the subsurface is otherwise made accessible.
	3. All ECs must be inspected at a frequency and in a manner defined in the SMP.
Engineering Controls:	1. Cover system.
	2. In Situ Soil Stabilization (ISS).
	3. Sub-Slab Depressurization (SSD) Systems.
	4. Recovery Wells.
	5. Performance Monitoring Wells.

Site Identification:	Brownfield Cleanup Program No. C224350 318 Nevins Street, Brooklyn, NY
Inspections:	Frequency
1. Cover inspection	Annually.
2. ISS	When exposed during excavation and/or Site redevelopment
3. SSD systems	Monthly.
4. Recovery Wells	Quarterly.
5. Post Remedial Groundwater Monitoring	Quarterly.

Monitoring:	Frequency.
1. NAPL Extraction	Quarterly.
2. SSD systems	Monthly First Year, then Annually.
3. Soil Vapor Intrusion Evaluation for New Buildings	Confirmatory Efficacy Sampling for New Buildings..
4. Recovery Wells	Quarterly.
5. Post Remedial Groundwater Monitoring	Quarterly.
Evaluation:	
1. Sub-Slab Depressurization Confirmation Sampling	Sample during the heating season and collect additional samples as needed.
Maintenance:	
1. Composite Cover System	As needed.
2. SSD Systems Maintenance	As needed.
Reporting:	

1. NAPL Recovery	Quarterly.
2. Groundwater Monitoring	Quarterly.
3. Sub-Slab Depressurization Confirmation Sampling	One month after the heating season sampling event.
4. Periodic Review Report	First due 16 months after COC, then annually.

Further descriptions of the above requirements are provided in detail in the latter sections of this Site Management Plan.

1.0 Introduction

1.1 General

This Site Management Plan (SMP) is a required element of the remedial program for the 318 Nevins Street Site located in the Gowanus neighborhood of Brooklyn, New York (hereinafter referred to as the "Site"). See **Figure 1** for Site location. The Site is currently enrolled in the New York State (NYS) Brownfield Cleanup Program (BCP) Site No. C224350, which is administered by New York State Department of Environmental Conservation (NYSDEC or Department).

Gowanus 300 Nevins Street LLC entered into a Brownfield Cleanup Agreement (BCA) on April 29, 2022 with the NYSDEC to remediate the Site. The BCA was amended on March 5, 2024, to add Gowanus Nevins North LLC and Gowanus Nevins South LLC as additional remedial parties (collectively with Gowanus 300 Nevins Street LLC, the Volunteer) and reflect a tax lot subdivision. The BCA was amended again on August 20, 2024, to reflect a transfer of title to the Site from Gowanus 300 Nevins Street LLC to Gowanus Nevins North LLC and Gowanus Nevins South LLC. The BCA was amended a third time on November 20, 2025, to confirm the Site's eligibility for tangible property credits as an affordable housing project and determine that the Site had not been previously remediated for its then-intended use. The Volunteer implemented the NYSDEC approved Remedial Action Work Plan (RAWP).

A figure showing the Site boundaries is provided in **Figure 2**. The boundaries of the Site are more fully described in the metes and bounds Site description that is part of the Environmental Easement (EE) provided in **Appendix A.**

After completion of the remedial work, some contamination was left at this Site, which is hereafter referred to as "remaining contamination". Institutional and Engineering

Controls (ICs and ECs) have been incorporated into the Site remedy to control exposure to remaining contamination to ensure protection of public health and the environment. An EE granted to the NYSDEC and recorded with the Office of the City Register of New York City on August 6, 2025, requires compliance with this SMP and all ECs and ICs placed on the Site. The City Register Filing Number (CRFN) for this filing is 202500210783.

This SMP was prepared to manage remaining contamination at the Site until the EE is extinguished in accordance with ECL Article 71, Title 36. This plan has been approved by the NYSDEC, and compliance with this plan is required by the grantor of the EE and the grantor's successors and assigns. This SMP may only be revised with the approval of the NYSDEC.

It is important to note that:

- This SMP details the Site-specific implementation procedures that are required by the EE. Failure to properly implement the SMP is a violation of the EE, which is grounds for revocation of the Certificate of Completion (COC); and
- Failure to comply with this SMP is also a violation of Environmental Conservation Law, 6 NYCRR Part 375 and the BCA (Index # C224350-03-22; Site # C224350 for the Site, and thereby subject to applicable penalties.

All reports associated with the Site can be viewed by contacting the NYSDEC or its successor agency managing environmental issues in New York State. A list of contacts for persons involved with the Site is provided in **Appendix B** of this SMP.

This SMP was prepared by Impact Environmental Engineering and Geology, PPLC (IEEG), on behalf of Gowanus 300 Nevins Street LLC, Gowanus Nevins North LLC and Gowanus Nevins South LLC (collectively, the Volunteer) , in accordance with the requirements of the NYSDEC's DER-10 ("Technical Guidance for Site Investigation and Remediation"), dated May, 2010, and the guidelines provided by the NYSDEC. This SMP addresses the means for implementing the ICs and/or ECs that are required by the EE for the Site.

1.2 Revisions and Alterations

Revisions and alterations to this SMP will be proposed in writing to the NYSDEC's project manager. The NYSDEC can also make changes to the SMP or request revisions from the remedial party. Revisions will be necessary upon, but not limited to, the following occurring: a change in media monitoring requirements, upgrades to or shut down of a remedial system, post-remedial removal of contaminated sediment or soil, or other significant change to the Site conditions. All approved alterations must conform with Article 145 Section 7209 of the Education Law regarding the application of professional seals and alterations. For example, any changes to as-built drawings must be stamped by a New York State Professional Engineer. In accordance with the EE for the Site, the NYSDEC project manager will provide a notice of any approved changes to the SMP and append these notices to the SMP that is retained in its files.

1.3 Notifications

Notifications will be submitted by the property owner to the NYSDEC, as needed, in accordance with NYSDEC's DER – 10 for the following reasons:

1. 60-day advance notice of any proposed changes in Site use that are required under the terms of the BCA, 6 NYCRR Part 375 and/or Environmental Conservation Law.
2. 7-day advance notice of any field activity associated with the remedial program.
3. 15-day advance notice of any proposed ground-intrusive activity pursuant to the Excavation Work Plan (EWP). If the ground-intrusive activity qualifies as a change of use as defined in 6 NYCRR Part 375, the above-mentioned 60-day advance notice is also required.
4. Notice within 48 hours of any damage or defect to the foundation, structures or EC that reduces or has the potential to reduce the effectiveness of an EC, and likewise, any action to be taken to mitigate the damage or defect.
5. Notice within 48 hours of any non-routine maintenance activities.

6. Verbal notice by noon of the following day of any emergency, such as a fire; flood; or earthquake that reduces or has the potential to reduce the effectiveness of ECs in place at the site, with written confirmation within 7 days that includes a summary of actions taken, or to be taken, and the potential impact to the environment and the public.

7. Follow-up status reports on actions taken to respond to any emergency event requiring ongoing responsive action submitted to the NYSDEC within 45 days describing and documenting actions taken to restore the effectiveness of the ECs.

Any change in the ownership of the Site or the responsibility for implementing this SMP will include the following notifications:

8. At least 60 days prior to the change, the NYSDEC will be notified in writing of the proposed change. This will include a certification that the prospective purchaser/Remedial Party has been provided with a copy of the BCA, and all approved work plans and reports, including this SMP.

9. Within 15 days after the transfer of all or part of the Site, the new owner's name, contact representative, and contact information will be confirmed in writing to the NYSDEC.

Table 1 below includes contact information for the above notifications. The information on this table will be updated as necessary to provide accurate contact information. A full listing of Site-related contact information is provided in **Appendix B.**

Table 1: Notifications*

Name	**Contact Information**	**Required Notification****
Aaron Fischer, P.E. NYSDEC Project Manager	Phone: (518) 402-9805 Email: Aaron.Fischer@dec.ny.gov	All Notifications
Lisa Gorton. P.E. NYSDEC Project Supervisor	Phone: (518) 402-9574 Email: Lisa.Gorton@dec.ny.gov	All Notifications
Christopher Budd NYSDOH Project Manager	Phone: (518) 402-1769 Email: Christopher.Budd@health.ny.gov	Notifications 4, 6, and 7
Scarlett McLaughlin NYSDOH Project Supervisor	Phone: (518) 402-7874 Email: Scarlett.Mclaughlin@health.ny.gov	Notifications 4, 6, and 7

* Note: Notifications are subject to change and will be updated as necessary.

** Note: Numbers in this column reference the numbered bullets in the notification list in this section.

2.0 SUMMARY OF PREVIOUS INVESTIGATIONS AND REMEDIAL ACTIONS

2.1 Site Location and Description

The Site is located in Brooklyn, Kings County, New York and is identified as Block 439 and Lot 1 on the Kings County Tax Map (see **Figure 1**). The Site is an approximately 2.322-acre area and is bounded by Union Street directly north, Carroll Street directly south, Nevins Street directly east, and a sliver of New York City-owned uplands and the Gowanus Canal to the west (see **Figure 2** – Site Boundaries). The boundaries of the Site are more fully described in **Appendix A** – Environmental Easement. The owner(s) of the Site parcel(s) at the time of issuance of this SMP is/are:
Gowanus Nevins North LLC and Gowanus Nevins South LLC.

2.2 Physical Setting

2.2.1 Land Use

The Site consist of two (2) mixed-use residential and commercial buildings, separated by an upland connection; one (1) situated at the north portion of the Site (498 Union Street) and one (1) situated at south portion of the Site (417 Carroll Street). The Site is zoned as a Manufacturing District (M1-4) with a Medium Density Residential overlay (R7-2) and a Special Gowanus Mixed Use District (G) designation and is currently undergoing superstructure construction/development (i.e., foundation slab and Site cover has been completed) as of the issuance of this SMP.

The north building (498 Union Street) is slab on grade construction with twenty-two (22) stories. The first floor includes retail space, a residential lobby, mechanical equipment, and bicycle storage. The second floor contains residential amenity space, mixed-use space, and residential apartment units. Floors three through twenty-two contain residential apartments units.

The south building (417 Carroll Street) is seventeen (17) stories. The first floor includes retail space, a residential lobby, mechanical equipment, and bicycle storage. The second floor contains residential amenity space, Gowanus Mixed Use (GMU) space, and residential apartment units. Floors three through seventeen contain residential apartments units. The south building contains a small partial cellar in the central/eastern portion of the building which contains an elevator room.

Additionally, as part of the Site redevelopment, a 30-foot shore public walkway and waterfront yard adjacent to the Gowanus Canal will be constructed which joins to the upland connection between the Site buildings.

The properties adjoining the Site, and in the neighborhood surrounding the Site reflect a mix of zoning which is primarily comprised of historic manufacturing districts with residential and commercial overlays.

The properties immediately south of the Site, beyond Carroll Street, include two (2) residential redevelopment projects, one (1) administrated through the New York City Office of Environmental Remediation (OER) program and one (1) completed NYSDEC BCP site (Gowanus Village I, Site No. C224099) ; the properties north of the Site (beyond Union Street) include the Union Street Bridge tender facilities and warehouse-type properties, as well as Alba Auto repair facility to the northeast across intersection of Nevins and Union Streets; the properties immediately east of the Site (beyond Nevins Street) include three (3) active NYSDEC BCP sites (514 Union Street, Site No. C224318; 473 President Street, Site No. C224220; and the Presidential Street Portfolio, Site No. C224309), the Crusaders Candle company building, and a 3-story residential building, as well as a vacant lot; and the properties to the west of the Site , beyond the New York City-owned upland sliver and Gowanus Canal include three (3) NYSDEC BCP Sites (450 Union Street, C224219, President Street Properties, Site No. C224221, and 335 Bond Street, Site No. C224225).

2.2.2 Geology

Site-specific geology of the shallow soil from the surface down to approximately 9 feet below grade surface (bgs), identified during the Remedial and Supplemental Remedial Investigation (RI and SRI) includes urban/historic fill material, described as brown, silty sand with gravel and anthropogenic material including concrete, brick and asphalt fragments, wood, and some slag. Below the fill material, the native soil is comprised of silty sand with gray clay, peat, trace gravel at depths ranging from approximately 9 to 13 feet bgs followed by non-continuous gray clay encountered at depths ranging from approximately 10 to 13 feet bgs. Beyond 20 feet bgs, the native soil is comprised of silt to fine sand with some clay which transitions to medium-to-coarse sand until the terminal depth of soil borings (which ranged from 45 to 85 feet bgs).

Coal tar, dense non aqueous phase liquid (DNAPL) is present in the subsurface in the northwestern portion of the Site. Coal tar was identified during the RI and SRI, within saturated soils in certain intermediate and deep soil boring intervals. Coal tar impacts were found in native soils beneath a layer of organic-rich peat (meadow mat), which is located at approximately between 10 to 25 feet bgs. Coal tar was noted at depths of approximately 25-35 feet bgs.

The Site adjoins the Gowanus Canal to the west, which was historically a tidal creek with wetlands/lowland marsh areas prior to the commencement of urban development circa the mid-1800s. The historical creek was dredged and its shoreline hardened to construct the Gowanus Canal. Dredge spoils were deposited behind the hardened shoreline, followed by uncontrolled historic fill material to allow for the general industrialized development of the area. Alluvial/marsh deposits lie below the fill and are composed of alluvial sand deposits, peat, organic silts and clays (marsh deposits). The alluvial/marsh deposits are associated with the original wetlands complex that was present when the

native area was altered. This depositional sequence is supported by observations of sand, organic material, and clay in on-Site soil borings.

No bedrock was documented during the advancement of the previous or current borings at the Site. Damp-to-wet soil at the capillary fringe to the water table interface was detected at approximately 6 to 7 feet below grade (fbg) within the Site RI soil borings. Geologic cross sections are shown in **Figures 3A** through **3C.** Site specific boring logs are provided in **Appendix C.**

2.2.3 Hydrogeology

The Site is located directly east of the Gowanus Canal. The Gowanus Canal discharges to the Gowanus Bay and Upper New York Bay located to the southwest and is a tidally influenced channel with a tidal cycle of two high tides and two low tides of unequal height each day, with a vertical tidal range of approximately 4.7 to 5.7 feet. The primary aquifer beneath the Gowanus Canal and surrounding upland areas is identified as the Upper Glacial Aquifer, which is generally a thick sequence of glacial deposits that includes beds of silt, sand and clay associated with alluvial/marsh sediments along coastal areas. The Upper Glacial Aquifer at the Site appears to be unconfined. In the Upper Glacial Aquifer, regional groundwater flows to the west/southwest toward Gowanus Canal.

Groundwater from the Site area is not used as a potable water supply in Brooklyn pursuant to a local prohibition.

Based on RI data and bi-weekly groundwater sampling in connection with the Long Island Well permit pertaining to dewatering, groundwater beneath the Site ranges from approximately 5.67 fbg within GW-17B, which is located on the western portion of the Site (adjacent to the Gowanus Canal), to 8.98 fbg within HRP-MW-3, which is located north of the Site. The groundwater contours were mapped using groundwater potentiometric surface measurements, and flow at the Site is generally to the west-

southwest toward the Gowanus Canal; however, the tidal fluctuations (oscillations) of the Gowanus Canal influence the groundwater flow.

Groundwater contour maps are shown in **Figures 4A** (shallow) and **4B** (deep). Previous on-site groundwater monitoring wells have been abandoned in accordance with NYSDEC CP-43 Groundwater Monitoring Well Decommissioning Policy.

2.3 Investigation and Remedial History

Based on historic Sanborn Fire Insurance maps, the Site was used for lumber yards from circa 1886 up until 1915. Circa 1922 until the 1950's, Kopper's Seaboard Coke Co. is depicted as the occupant of the northern portion of the Site, while the southern portion of the Site was occupied by Brooklyn Nevins Coal Co., Morton Coal Co., and Hy-Grade Magnet. During this time, the Site was used as a yard designed to receive coal and/or coke from barges on the Gowanus Canal then screen and deliver the coal/coke to trucks for distribution to consumers. Historic foundation elements associated with past structures utilized for coal/coke storage and distribution operations were encountered beneath areas of the Site during site-wide excavation; these elements included concrete slabs, footings for cranes/equipment, piles, etc. These historical foundation elements were removed to the extent practicable during the Remedial Action; however, removal of all such remnants was not feasible. The most recent on-Site structure, prior to demolition for redevelopment purposes, was reportedly constructed in 1958 and was occupied by a motor freight station from the 1960s through the late 1970s. Subsequently, the former building was utilized by NY Telephone Co, Bell Atlantic, and Verizon. Based on other historical information available for the Site, the Manhattan Commissary Inc. leased the property in 2012, and its primary operations were for food sales under numerous vendors identified as: Venditti, Tacos Limos, Tacos Lupita, Tacos El Poblanito, Tacos El Chicken, and Tacos Pollo Loco. These various food vendors

operated at the Site until the Site's subsequent conveyance to a Volunteer on December 30, 2021.

Table 2, below, provides a summary of available Site ownership records through the New York City Automated City Register Information System (ACRIS). It should be noted that older, pre-1966 deeds and land records may exist for the Site that are not shown in ACRIS.

Table 2 -NYC ACRIS Ownership Summary*

Document	Date	Seller	Purchaser
Deed	2/25/1976	Inter-Boro Transport Terminal Corp.	New York Telephone Co.
Deed	6/2/1978	New York Telephone Co.	Joyce A. Kjellgren
Deed	12/4/2012	Joyce A. Kjellgren	Nevins Street Holdings LLC
Deed	12/30/2021	Nevins Street Holdings LLC	Gowanus 300 Nevins Street LLC
Deed	6/10/2024	Gowanus 300 Nevins Street LLC	Gowanus Nevins North LLC [with respect to Lot 1] Gowanus Nevins South LLC [with respect to Lot 10]

The following narrative provides a remedial history timeline and a brief summary of the available project records to document key investigative and remedial milestones for the Site. Full titles for each of the reports referenced below are provided in Section 8.0 – References.

Hydro Tech Environmental Corp. Phase I Environmental Site Assessment, Dated August 13, 2012

Hydro Tech completed a Phase I Environmental Site Assessment (ESA) for the Site in conformance with the scope and limitations of the ASTM Practice E 1527-13 for the Site in 2012 which identified the following twelve (12) Recognized Environmental Conditions (RECs) associated with the Site:

1. Two (2) storm water drywells that contain petroleum sheens.
2. The presence of an underground oil/water separator.
3. Two (2) vent pipes typically associated with USTs.
4. Significant petroleum staining on asphalt in poor condition.
5. Presence of ten (10) monitoring wells in asphalt paved parking areas and 8 monitoring wells in concrete sidewalks surrounding the Subject Property.
6. The Site had active NYSDEC Spill #9207367.
7. SVOCs in soil in the vicinity of an abandoned 550-gallon waste oil UST.
8. The presence of a gasoline tank on historical Sanborn Maps from 1938 and 1950.
9. Historical use of the Subject Property as a coking/coal facility.
10. Inaccurate registration of two (2) 4,000-gallon USTs with the NYSDEC Petroleum Bulk Storage (PBS) unit.
11. The presence of the monitoring wells associated with the USEPA National Priority List (NPL).
12. The presence of a Potential Vapor Encroachment Condition (PVEC) at the Subject Property.

The Phase I ESA regulatory documents identified NYSDEC Spill No. 9207367 for Verizon was assigned to the Site in response to a 1992 subsurface investigation sampling of 12 soil borings and 3 monitoring wells installed proximate to one (1) 2,000-gallon gasoline UST and one (1) 2,000-gallon diesel UST. Petroleum impacts were detected in both soil and groundwater above applicable regulatory standards. The following is a summary of the remedial activities performed:

- Two 2,000-gallon USTs abandoned in-place in August – September 1993 and additional investigations were completed between October 1994 – October 1998. The NYSDEC required additional on-Site and off-site investigations following bulkhead work along the Gowanus Canal in 1999. The on-site and off-site investigations were performed during 1999 and 2000.

- Approximately 360 and 300 pounds (lbs) of oxygen-release compound (ORC) were injected into the saturated zone on the north portion of Site along the sidewalk fronting Union Street in March 2001 and 2002, respectively.
- One (1) 4,000-gallon gasoline UST and one (1) 4,000-gallon diesel UST were removed from the north portion of the Site (fronting Union Street) in October 2003. During removal, approximately 337 tons of petroleum-contaminated soil were removed and disposed, and a total of 880 lbs of ORC was applied at the bottom of the excavation.
- The two (2) 2,000-gallon previously abandoned USTs were removed in May 2006. During UST removal, approximately 464 tons of petroleum-contaminated soil and 838 gallons of liquid were removed and disposed.
- A series of three (3) chemical oxidation injection events were performed between September 2008 and May 2009 where approximately 1,500 lbs was injected via six (6) injection wells. Subsequently, quarterly Enhanced Fluid Recovery (EFR) and quarterly groundwater sampling events were performed at a monitoring well located in the sidewalk area along Union Street. The January - March 2012 groundwater quality data indicated total VOC concentrations ranged from non-detect to over 17,000 parts per billion (ppb) beneath the sidewalk along the south side of Union Street.
- A 550-gallon waste oil UST was also identified within the footprint of the Site building as abandoned on September 23, 1993. During abandonment, oil was observed in the UST fill vault. Three (3) soil borings were installed, and three (3) soil samples were collected for analysis. No VOCs were detected in the soil samples at concentrations exceeding laboratory analytical method detection limits (MDLs). Total SVOC concentrations ranged between 21,009 ppb to 49,620 ppb.

EnviroTrac Ltd. Request for Spill Closure, Dated April 11, 2013

EnviroTrac indicated that Cardno ATC completed a Phase I ESA dated December 19, 2012, and to address those RECs, EnviroTrac completed a Phase II ESA in February 2013 where seven (7) soil borings were advanced, and seven (7) soil samples were collected for laboratory analysis. No VOCs above the UUSCOs were detected in the soil samples collected, and SVOCs were detected at concentrations exceeding UUSCOs. The highest concentration of SVOCs was detected under the slab at the north end of the building (sample GP-3). Based on the SVOC detections, Verizon notified the NYSDEC Spills Hotline and Spill No. 12-15913 was assigned to the Site. Although the SVOCs detected in soil were thought to be due to urban fill, the area of GP-3 was further investigated through excavation. Approximately 17.75 tons of soil were removed and disposed of at Clean Earth of Carteret, New Jersey.

Urban fill was encountered in the excavation and no specific SVOC source was indicated. The laboratory analysis of four (4) endpoint soil sidewall samples did not detect VOCs above the UUSCOs; however, SVOCs were detected above the UUSCOs. No VOCs or SVOCs above the analytical method detection limit were identified in the bottom soil sample, collected at approximately 11 fbg in native soil.
Due to the presence of area-wide urban fill material, closure of NYSDEC Spill Number 12-15913 was requested by EnviroTrac on behalf of Verizon.

EnviroTrac Ltd. Update Report, Dated April 29, 2013

EnviroTrac's *Update Report* for the Site from January through March 2013, provided the following information:

- Lexicon Environmental Associates (Lexicon) completed an environmental assessment in 1992, which included the advancement of twelve (12) soil borings and installation of three (3) groundwater monitoring wells proximal to the 2,000-gallon gasoline and 2,000-gallon diesel USTs and associated dispensers. Analytical results revealed several benzene, toluene, ethylbenzene (BTEX), methyl tert butyl ether (MTBE) and polyaromatic hydrocarbons (PAHs)

exceeding the NYSDEC TCLP Extraction Guidance Values. Groundwater analytical results revealed MTBE detected at MW-1 and MW-3 exceeding TCLP Guidance values.

- On August 19, 1993, the 2,000-gallon USTs were abandoned in-place using a concrete slurry (summarized in Lexicon's *Underground Storage Tank Closure Report* dated August 22, 1994).
- At the request of the NYSDEC, Lexicon completed a *Tidal Evaluation Report* on April 18, 1994, which concluded that off-site sources may have the potential to adversely affect the ground water at the site as a result of tidal fluctuation.
- Three (3) additional monitoring wells (MW-4 through MW-6) were installed in October 1994 and sampled in November. MTBE and BTEX levels increased and the NYSDEC requested that a remedial program be implemented.
- Four (4) injection points (IP-1 through IP-4) were installed near MW-1 (area with highest hydrocarbon concentrations) in 1995. After which, a routine groundwater sampling program was implemented.
- Following a meeting with the NYSDEC on May 20, 1999, it was determined that Lexicon would conduct an additional investigation to determine the extent of off-site impacts. Three (3) additional monitoring wells were installed; MW-8 and MW-9 in the sidewalk along Union Street adjacent to the site and MW-10 on-site.
- On June 6, 2000, the NYSDEC requested further off-site delineation. On November 8, 2020, two (2) additional off-site monitoring wells (MW-11 and MW-12) were installed.
- On November 11, 2001, after a meeting with the NYSDEC, Verizon decided to implement a passive bioremediation program. ORC injection occurred on May 2 and 3, 2001 by advancing 22 boreholes approximately 5 feet into the water table. A total of 360 lbs of ORC was injected.

- In March 2002, EnviroTrac continued Site remediation and quarterly sampling. On May 15, 2002, 300 lbs of calcium peroxide (Perme-ox Plus™) were injected on-Site.
- UST removal activities occurred in October 2003 where one (1) 4,000-gallon gasoline UST and one (1) 4,000-gallon diesel UST were removed (summarized in the *Underground Storage Tank Removals* report dated December 31, 2003). Soil proximal to MW-8 was then excavated, and a total of 337 tons of petroleum-impacted soil was disposed. Approximately 880 lbs of ORC were placed in the bottom of the excavation prior to backfilling.
- Per a *Remedial Work Plan*, dated July 25, 2008, 1,500 lbs of RegenOx ™ were injected using a network of six (6) off-site injection wells (IW-1 through IW-6). Quarterly EFR events at off-site monitoring well MW-8 were initiated in December 2009 and discontinued following the December 2012 event based on NYSDEC approval of the *Additional Remedial Work Plan* dated January 31, 2013.
- On February 1, 2013, the NYSDEC approved the *Additional Remedial Work Plan* which outlined the excavation of residual-impacted soils in the vicinity of off-site monitoring well MW-8. Soils were excavated down to 16 fbg and a slight petroleum odor was noted at the 12-16 fbg interval. Soils encountered down to approximately 12 fbg included urban fill materials, and groundwater was encountered at approximately 9 fbg. A total of 82.64 tons of petroleum-contaminated soil was removed from the excavations and transported to Clean Earth of Carteret in New Jersey for proper off-site disposal. Following excavation, two (2) endpoint sidewall samples and two (2) endpoint bottom sample were collected for laboratory analysis of CP-51 VOCs which were not detected above UU SCOs nor applicable supplemental soil cleanup objectives (S SCOs). Prior to backfilling the excavation, 505 lbs of ORC Advanced® were added to the saturated portion of the excavation as a long-term oxygen source in this area. MW-8 was reinstalled to an approximate depth of 14 feet bgs.

- Following the completion of the off-site excavation, on-site monitoring wells: MW-3, MW-4, MW-6, MW-7, MW-10, MW-13, MW-15, MW-16 and MW-17 were abandoned according to NYSDEC CP-43 specifications on March 6, 2013.
- Subsequent quarterly sampling on March 29, 2013 indicated elevated dissolved-phase VOCs were detected at off-site MW-8. Concentrations of total BTEX increased from 662 ug/L to 4,248 ug/L and concentrations of total VOCs increased from 2,690 ug/L to 8,644 ug/L since the previous sampling event. Results of post off-site remediation quarterly 2013 off-site groundwater monitoring would be evaluated for spill closure request.

EnviroTrac Ltd. Phase II Environmental Site Assessment, Dated April 12, 2013

In response to seven (7) RECs identified in the December 19, 2012 Phase I ESA conducted by Cardno ATC (ATC), a Phase II ESA was completed by EnviroTrac. The RECs and EnviroTracs findings are summarized below:

1. Soil and groundwater contamination was discovered proximate to former USTs along the south side of Union Street during a subsurface investigation in 1992 and NYSDEC Spill Number 92-07367 was assigned to the Site on September 24, 1992. Investigations and remediation activities conducted at the Site beginning in 1992 included a groundwater monitoring program, applications of ORC and EFR events. The open spill number and on-going remediation was considered a REC.

   EnviroTrac submitted *an Additional Remedial Work Plan* to the NYSDEC for Spill Number 92-07367 on January 31, 2013. The NYSDEC subsequently approved the workplan in a letter dated February 1, 2013. The *Additional Remedial Work Plan* was implemented in February 2013 and included excavation of soil from the MW-8 area and the application of RegenOx ™ and ORC Advanced® to the excavation. Groundwater monitoring was to be performed and reported on a quarterly basis. Results of the off-site groundwater monitoring would be evaluated for the request of spill closure.

2. A former 550-gallon waste oil UST was closed in-place in the "parts" storage area of the motor service area in the northern portion of the building in 1993. According to the *Underground Storage Tank Closures Report*, prepared by Lexicon Environmental Associates, Inc. (Lexicon), dated August 22, 1994, SVOCs exceeded the NYSDEC Toxic Characteristic Leaching Procedure (TCLP) Extraction Alternative Guidance Values for fuel oil contaminated soils. Due to exceedances, the closed 55-gallon waste oil UST was considered a REC.

   EnviroTrac's geophysical investigation identified the former waste oil UST location, and two (2) borings were installed proximal to the UST. Based on the analytical results from both samples, select SVOCs were detected at concentrations exceeding NYSDEC UU SCOs. However, SVOC detections were consistent with the urban fill identified at the Site and previous soil sampling conducted at the time of the UST closure by Lexicon in 1993. VOCs were not detected at concentrations exceeding UU SCOs. Given that the tank appeared to have been properly abandoned by Lexicon and the detection of SVOCs appears associated with urban fill throughout the Site, EnviroTrac recommended no further action in reference to the waste oil UST.

3. The report entitled *Summary of EPA Gowanus Canal Remedial Investigation of Verizon New York Inc. Facility, 318 Nevins Street, Brooklyn, NY, NYSDEC Spill Number 92-07367,* prepared by EnviroTrac, dated June 8, 2011, documents a former sewer outfall and oil/water separator outfall that historically discharged into the Gowanus Canal. It was presumed that the outfalls were abandoned when the bulkhead along the Gowanus Canal was replaced in 1999; however, no record of the closure/abandonment was reported and considered a REC.

   Per EnviroTrac's investigation, pipes were not visible at the canal, and it was presumed that if there were outfalls, they were abandoned when the

bulkhead along the Gowanus Canal was replaced in 1999 by the property owner. Two (2) borings were installed at suspected terminus points of the oil/water separator piping. Based on analytical results from the samples, select SVOCs were detected at concentrations exceeding UU SCOs and VOCs were not detected at concentrations exceeding UU SCOs. Again, SVOCs were consistent with the urban fill identified at the Property. If the oil/water separator was to be used in the future, EnviroTrac recommended that the capping of the discharge piping at the oil/water separator be confirmed and/or connected to the municipal water.

4. The Gowanus Canal, located directly west of the site, is listed on the National Priority List (NPL) as of March 2, 2010, CERCLIS and Primary Responsible Party (PRP) databases. The CERCLIS listing indicates that "The Gowanus Canal is impacted by contaminated sediments, principally due to the activities of former Manufactured Gas Plants (MGPs). Surface sediments contain PCBs at levels up to 350 ppm, and coal tar residue up to 23% by weight of sample." The Gowanus Canal listed on regulatory databases as being contaminated was considered a REC. EnviroTrac concluded that this would remain a REC for the property.

5. Historical usage of the Property included a lumber yard, Koppers Seaboard Coke Co., Brooklyn Nevins Coal Company, Morton Coal Company, motor freight station, NY Telephone Co., Bell Atlantic and Verizon. The surrounding properties have been developed as lumber yard, coal yards, manufacturing, commercial, and dwellings from 1886 through 2007. Some of the specific property usage includes oil and gasoline storage, auto repair, auto wrecking, truck repair, warehouses, foundry, garage, plastics manufacturing, factories, dry color manufacturing, and commercial and manufacturing facilities.

Historical usage of the property and surrounding properties was considered a REC.

EnviroTrac concluded that this would remain a REC for the property. Urban fill was identified at each Phase II ESA boring location and select SVOCs were detected at all seven (7) soil samples at concentrations exceeding UU SCOs. The suspected source of detected SVOCs at the boring locations was urban fill.

6. ATC observed two (2) aboveground hydraulic lifts, with an aboveground hydraulic tank, in the motor service area at the north end of the building. The aboveground lifts reportedly replaced two (2) former underground lifts which likely had underground components containing hydraulic oil. The former underground lifts were considered a REC as no assessment had been completed in relation to them.

   EnviroTrac concluded that no underground hydraulic lifts were at the Site as none were identified during the geophysical investigation, installation of soil borings or excavation on-Site. The suspected source of detected SVOCs at the boring locations within the garage area and proximal to where the lifts were suspected was attributed to urban fill. EnviroTrac recommended no further action in reference to the reported former underground lifts.

7. ATC observed two (2) “stormwater drains/drywells” located in the eastern portion of the asphalt paved parking lot. During the Property reconnaissance, the “stormwater drains/drywells” were observed to be full of water with no lateral pipes observed that would be indicative of catch basins diverting water to a lateral line. A NYCDEP Brooklyn Sewer Map for the area does not show these drains connected to the sewer system on the map. In addition, a slight sheen was observed in the southern stormwater drain/drywell. The stormwater drains/drywells were considered a REC.

EnviroTrac concluded that the stormwater drains/drywells were confirmed to be catch basins constructed of a solid concrete bottom and sidewalls with an interconnecting pipe to the municipal storm sewer. No overflow drywells were identified during the geophysical investigation. The bottom sediments were removed from the catch basins by AARC, Verizon's waste contractor on February 28, 2013 and were properly disposed. EnviroTrac recommended no further action in reference to the catch basins.

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C. Phase II Environmental Site Assessment, Dated July 19, 2019

The investigation included the advancement of eight (8) soil borings to depths of 13 or 17 fbg in which one (1) discrete sample was collected for laboratory analysis from each boring at the one-foot interval exhibiting the greatest degree of impacts. Two (2) of the soil boring locations were completed as temporary groundwater monitoring wells. One (1) groundwater sample was collected from each of the newly installed wells and from two (2) of the three (3) existing wells. Additionally, three (3) borings were converted into temporary soil vapor points for collection of three (3) soil vapor samples.

Soil

- "Historic Fill" material, characterized as fine-grained sand with varying amounts of gravel, clay, brick, concrete, wood, asphalt and slag, was observed directly below the impervious site cover to depths ranging from about 6 to 9 fbg in the borings. The historic fill material was underlain by varying amounts of sand, clay and gravel. A clay layer was observed in all borings from about 10 fbg to boring termination depths and ranged from 0.5 - 5 feet in thickness.
- Petroleum-like impacts were observed in four (4) borings at the groundwater interface as evidenced by odor, staining and PID readings above background.

- Petroleum-related VOCs were detected in soil samples collected from two (2) borings at concentrations above UU SCOs and Restricted Use Restricted Residential (RR) SCOs.
- SVOCs and metals characteristic of historic fill material in New York City were detected in soil samples collected from five (5) borings at concentrations above UU and RR SCOs.

Groundwater

- Depth to groundwater was observed at about 7.5 fbg.
- A petroleum-like odor and sheen were observed during sampling of one (1) well.
- Petroleum-related VOCs were detected in a groundwater sample collected from one (1) well at concentrations above the NYSDEC Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values for Class GA Water (NYSDEC SGVs).
- SVOCs were detected in two (2) groundwater samples at concentrations above NYSDEC SGVs. The detected SVOCs may be representative of regional groundwater quality associated with either the Gowanus Canal and upland sources of bank-stored coal tar or entrained historic fill material and groundwater.
- Dissolved metals characteristic of regional groundwater quality in Brooklyn were detected in the groundwater samples collected from two (2) wells at concentrations above NYSDEC SGVs.

Soil Vapor

- Although not a directly applicable comparison criterion, one (1) VOC was detected in soil vapor sample at a concentration above the minimum soil vapor concentrations at which mitigation is recommended.
- Four gasoline-related VOCs were detected at notable concentrations in one (1) soil vapor sample.

Impact Environmental Engineering and Geology, PLLC. Additional Subsurface Investigation, Dated October 2, 2021

IEEG conducted additional subsurface investigation activities at the Site between November 17 and 18, 2021, November 22, 2021, and November 24, 2021. The findings summarized herein were based on qualitative and quantitative data consisting of field observations, instrumental readings, and laboratory analytical results of soil, groundwater, and soil vapor samples collected at the Site, as follows:

- Stratigraphy: The surface of the Site down to approximately 5-9 fbg consisted of urban fill material comprised of asphalt, brick, gravel and concrete intermixed with sand. Underlying this layer, brown fine to medium sand with some silt was observed from approximately 5 to 9 fbg, followed by a clay lens noted at the terminal depth of the borings at approximately 10 fbg. Other miscellaneous debris including small pieces of coal and odiferous wood fragments were noted in several borings located on the western portion of the property, parallel to Gowanus Canal.
- Hydrogeology: Groundwater was measured at depths ranging from 5.65 (GCMW28) to 6.55 (IEC-GW-1) fbg in permanent groundwater monitoring wells installed during the additional subsurface investigation. Based on gauging data and topography, localized groundwater is expected to flow west, towards the Gowanus Canal.
- Soil: Concentrations of VOCs, including acetone, tetrachloroethene and benzene were detected above Protection of Groundwater SCOs at soil borings: SB-1 (5-7 fbg), SB-2 (5-7 fbg), SB-4 (0-2 fbg) and SB-6 (0-2 fbg). The sample locations with VOC detected above the UU SCOs were located on western portion of the Site, parallel to the Gowanus Canal. SVOCs, specifically PAHs, were also detected in the boring locations at the shallow and/or deep soil interval, with the exception of SB-2, SB-3 and SB-5, which had exceedances for RR SCOs and Protection of Groundwater Soil Cleanup Objectives (PGSCO) in both depth intervals. Metals,

including barium, lead and mercury were detected above RR SCOs in SB-1 (0-2 fbg), SB-3 (5-7 fbg), SB-5 (5-7 fbg) and SB-6 at both depth intervals.

- Groundwater: Groundwater samples collected across the southwestern portion of the site contained VOCs, including acetone, benzene, cis-1,2-dichloroethene, isopropylbenzene, n-propylbenzene, sec-butylbenzene and trichloroethene (TCE), above NYSDEC AWQS. Additionally, SVOCs, specifically PAHs at concentrations above the Class GA TOGS AWQS/GV, were detected throughout the Site. Given the depth to the water table below the Site, the concentration of metals and PAHs in groundwater indicates an on-site source. The presence of PAHs and metals in groundwater may also be attributable to urban fill, former onsite uses and/or regional background concentrations, including the contiguous surrounding lots along the Gowanus Canal.
- Soil Vapor: Soil vapor samples were collected within the asphalt parking and accessways located on-Site. Trichloroethene (TCE) was detected at concentration of 141 micrograms per cubic meter ($\mu g/m^3$) in SV-3, located east of building along Nevins Street, which is at a concentration indicating mitigation when compared to the thresholds used in the NYSDOH Guidance. Tetrachloroethene (PCE) was detected at 306 $\mu g/m^3$ in SV-2 located parallel to Union Street. Indoor air samples were not collected as part of this investigation given that the main industrial building is open with a high air exchange rate and not representative of indoor air quality.

Impact Environmental Engineering and Geology, PLLC. Remedial Investigation and Supplemental Remedial Investigation Report, Dated November 10, 2022 and Updated With Soil Supplemental Data on March 10, 2023 and Groundwater Supplemental Data on June 12, 2023.

In September 2022, IEEG conducted Remedial Investigation (RI) activities at the Site for enrollment into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP). The investigation consisted of the following:

- The performance of a site-wide investigation.
- The Installation of five (5) soil vapor sampling points and collection of five (5) soil vapor samples for laboratory analysis.
- The installation of twenty (20) soil borings; including eight (8) borings to approximately 15 feet below grade surface (bgs), six (6) borings in the proximity of a suspected tank field to approximately 10-15 feet bgs, and six (6) borings of approximately 60-85 feet below grade surface around the perimeter of the Site.
- The installation of five (5) permanent monitoring wells for collection of groundwater samples for laboratory analysis.

A further supplemental remedial investigation (SRI) was conducted in 2023 to further investigate findings from the original RI regarding the horizontal and vertical delineation of MGP coal tar as well as to further delineate groundwater contamination associated with MGP coal tar. The scope of the SRI included the following:

- The advancement of sixty-three (63) deep borings; fourteen (14) borings on the southwestern portion of the property and forty-nine (49) borings on the northwestern portion of the property delineating MGP coal tar identified during the initial RI as well as the collection of soil samples for field screening and laboratory analyses.
- The installation of seven (7) sets of cluster wells; two (2) permanent monitoring wells; (5) sets of three (3) permanent monitoring wells installed on the northwestern portion of the Site to further delineate groundwater contamination associated with MGP coal tar, and for the collection of groundwater samples for laboratory analysis.

The main contaminants of concern at the Site were:

- 1,2,4-trimethylbenzene, ethyl benzene, methylene chloride and total Xylenes were detected above SCOs within intermediate and deep soil borings advanced along the perimeter of the property to investigate off-site MGP contamination. No petroleum-related VOCs above the UU, RR Use or PGW SCOs were identified in shallow soil samples.

- PAHs were detected in exceedance of SCOs in soil borings across the Site; The highest concentrations of PAHs were detected in deep borings where visible MGP coal tar was observed.
- PAHs were also detected in dissolved phase groundwater samples proximal to boring locations where MGP coal tar was identified. The highest concentration of the PAHs in groundwater were found in GW-7 and the highest concentrations of total metals were detected in GW-7.
- Nine total metals were detected in groundwater above the AWQS. Filtered groundwater samples had elevated concentrations of arsenic and selenium, as well as manganese, magnesium, and sodium. These elevated metals were determined to be a function of urban historic fill present beneath the Site.
- Compounds on the NYSDEC PFAS list were detected at elevated concentrations in groundwater samples collected from across the Site, however, only minimally within onsite soils indicating the presence of these compounds is related to an off-site source.
- The soil vapor sampling results identified six CVOCs detected at both high and low concentrations, PCE and TCE within numerous samples exceed the NYSDOH matrices with the most elevated concentrations at SV-8, proximal to a former 550-gallon waste oil UST.

Elevated PAHs and VOCs detected during the supplemental investigation both in soil and dissolved phase ground water samples were indicative of MGP contamination. GCM in the form of coal tar DNAPL was encountered across the majority of the Site at depths starting at approximately 30ft bgs with impacted material extending to 85bgs. The largest areas of concern were the perimeter of the Site, along the bulkhead and the northwestern portion of the property.

Impact Environmental Engineering and Geology, PLLC. Remedial Action Work Plan, Dated September 20, 2023 and NYSDEC Decision Document, Dated October 12, 2023

In accordance with the Remedial Action Work Plan (RAWP), dated 9/20/2023, the NYSDEC issued the Decision Document (DD) for the Site on 10/12/2023, which is summarized below:

- **Remedial Design –** The remedial design program consisted of the construction, operation, optimization, maintenance, and monitoring of the remedial program. Green remediation principles and techniques were also implemented to the extent feasible per DER-31. The major green remediation components are as follows:
    - Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;
    - Reducing direct and indirect greenhouse gases and other emissions;
    - Increasing energy efficiency and minimizing use of non-renewable energy;
    - Conserving and efficiently managing resources and materials;
    - Reducing waste, increasing recycling and increasing reuse of materials which would otherwise be considered waste;
    - Maximizing habitat value and creating habitat when possible;
    - Fostering green and healthy communities and working landscaped which balance ecological, economic and social goals;
    - Integrating the remedy with the end use where possible and encouraging green and sustainable re-development; and
    - Additionally, to incorporate green remediation principles and techniques to the extent feasible in the development at this Site, any future on-site buildings shall be constructed, at a minimum, to meet the 2020 Energy Conservation Code od New York (or most recent edition) to improve energy efficiency as an element of construction.
- **Excavation –** Excavation and off-site disposal of Site soil to a depths of 8 to 18 feet below grade surface (bgs) was conducted across the entire Site. All soils

which exceeded the Restricted Residential soil cleanup objectives (RRSCOs) were disposed of off-site at a permitted facility. In addition, all soil in the upper two feet which exceeded the RRSCOs in areas not subject to any of the specific excavation requirements outlined above were excavated and transported off-site for disposal, as well as several hot spots with semi-volatile organic compounds (SVOCs) exceeding PGSCOs across the Site, to depths of 9 feet bgs, 13-feet bgs and 21-feet bgs. casing excavation was completed for EP-1 through EP-6 to remove contaminated soil fill material to depths ranging from 5 feet bgs to 14 feet bgs.

Approximately 54,287.09 tons of non-hazardous soil/fill material were collectively excavated and removed from the Site. Collection and analysis of confirmation samples at the remedial excavation depth were used to verify that SCOs for the Site have been achieved. If confirmation sampling indicated that SCOs were not achieved at the target remedial depth, the areas were over-excavated as necessary to achieve the SCOs. Further excavation for development proceeded after confirmation samples demonstrated that applicable SCOs for the Site had been achieved.

NAPL source removal was completed by casing excavation to the extent practicable for a small portion of grid EP-6 and grids EP-7 through EP-15 to approximate depth of 33 feet bgs (NAVD88 -25 feet). NAPL source removal was also completed for the ISS obstruction area. Approximately, 6,636.37 tons of source material was removed via casing excavation at the Site.

To ensure proper handling and disposal of excavated material, waste characterization sampling was completed for all identified contaminated Site material. Waste characterization sampling was performed exclusively for the purposes of off-site disposal in a manner suitable to receiving facilities and in conformance with applicable federal, State, and local laws, rules and regulations, and facility-specific permits.

The removal of materials from the Site included:

- Removal of the pre-existing building's concrete slab and foundation elements (related to former historic structures) encountered during excavation and ISS implementation generated approximately 126.5 tons of material for off-site disposal;
- Track 4 excavation to remove 2-foot cut of non-hazardous fill material exceeding the Part 375 RRSCOs for the Site footprint generated approximately 3,166.67 tons of material for off-site disposal;
- An approximate 0.5-acre portion of the interior north-western portion of the Site was subject to in-situ solidification (ISS) treatment. Approximately 6,166.67 tons of soil from 4-foot cut of hazardous fill material exceeding the Part 375 RRSCOs were excavated to facilitate ISS implementation.
- Due to upward swelling from displacement of materials during ISS installation, non-hazardous 'swell' material was produced requiring disposal. Approximately 6554.54 tons of swell material was generated for off-site disposal;
- Removal of non-hazardous arsenic-contaminated soil generated approximately 88.89 tons of material for off-site disposal.
- Removal of hazardous lead-contaminated soil generated approximately 30.1 tons of material for off-site disposal.
- Removal of non-hazardous petroleum contaminated soil related to registered and unregistered tank removals generated approximately 173.93 tons of material for off-site disposal.
- **Backfill –** Clean fill meeting the requirements for 6 NYCRR Part 375-6.7(d) was imported to replace the excavated soil and establish the designed grades at the Site.
- **Cover System –** A Site cover system was installed in accordance with the Track 4 remedy and will be maintained to allow for Restricted-Residential use of the Site. Any future Site redevelopment will maintain the existing cover, which consists of

either hardscape or structures such as buildings, pavement, sidewalks, or soil where the upper two feet of exposed surface soil meets the applicable RRSCOs.

Where the site cover was required beyond the ISS treatment area, such as in the areas outside of the building footprint, it consists of a minimum of two feet of soil meeting the RRSCOs. For areas where solidified material underlies the site cover, the solidified material serves as the demarcation layer due to the nature of the material.

- **In-Situ Solidification –** ISS was implemented in an approximate 0.5-acre area located on the interior north-western portion of the Site. The treatment zone consisted of areas where grossly contaminated material and/or non-aqueous phase liquid (GCM/NAPL) consisting of coal tar were present below the groundwater table to a terminal depth of approximately -19 feet NAVD88. ISS is a process that binds the soil particles in place creating a low permeability mass. The contaminated soil was mixed in place together with solidifying agents (Portland cement) or other binding agents using augers. The soil and binding agents were mixed to produce a solidified mass resulting in a low permeability monolith. The solidified mass was then covered with a cover system to prevent direct exposure to the solidified mass. The resulting solid matrix reduced or eliminated mobility of contamination and reduced or eliminated the matrix as a source of groundwater contamination.

- **NAPL Recovery –** Seven (7) post-casing excavation recovery wells were installed across the remaining NAPL horizon along the bulkhead on the western boundary of the Site (Grids EP-7 to EP-15) in order to remove potentially mobile NAPL from the subsurface. NAPL will be collected on a scheduled basis, if wells are determined by the Department to accumulate large quantities of coal tar over extended time periods, they can be converted to automated collection.

- **Groundwater Monitoring –**Six (6) permeant groundwater cluster monitoring wells were installed to assess the performance of the remedy, or natural attenuation following the removal of contaminant sources, will continue as determined by NYSDEC and NYSDOH, until residual groundwater concentrations are found to be below applicable NYSDEC standards or have become asymptotic over an extended period. These wells will be used to monitor post-remediation contaminants of concern. Sampling will be conducted using low-flow sampling procedures.
- **Vapor Mitigation –** On-site buildings have active sub-slab depressurization systems (SSDS) that will be monitored.
- **Institutional Control –** An institutional control in the form of an environmental easement for the controlled property was imposed and recorded in the Office of the City Register for the City of New York on August *6,* 2025 as City Register File Number 202500210783, which will:
    - Require the RP or Site owner to complete and submit to the Department a periodic certification of institutional and engineering controls in accordance with Part 375-1.8(h)(3);
    - Allow the use and development of the controlled property for restricted-residential use as defined by Part 375-1.8(g), inclusive of commercial and industrial uses, although land use is subject to local zoning laws;
    - Restrict the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or New York City Department Of Health and Mental Hygiene (NYCDOHMH); and
    - Require compliance with the Department-approved SMP.
- **Site Management Plan –** This SMP was required, which includes the following:

    a) Institutional and Engineering Control Plan that identifies all use restrictions and engineering controls for the Site and details the steps and media specific

requirements necessary to ensure the following institutional and/or engineering controls remain in place and effective

- Institutional Controls: Discussed above.
- Engineering Controls: The cover system, ISS, SSD systems, performance monitoring wells and NAPL Recovery wells;

This plan includes, but may not be limited to:

- an Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination;
- a provision that should a building foundation or building slab be removed in the future, a cover system consistent with the described above will be maintained over the ISS treatment area;
- provisions for the management and inspection of the identified engineering controls;
- maintaining Site access controls and Department notifications; and
- the steps necessary for the periodic reviews and certifications of the institutional and/or engineering controls

b) Monitoring Plan to assess the performance and effectiveness of the remedy. The plan includes, but may not be limited to:

   - Monitoring of groundwater and soil vapor/indoor air to assess the performance and effectiveness of the remedy; and
   - A schedule of monitoring and frequency of submittals to the Department.

c) An Operation and Maintenance (O&M) Plan to ensure continued operation, maintenance, optimization, monitoring, inspection, and reporting of any mechanical or physical components of the remedy. The plan includes, but is not limited to:

- Procedures for operating and maintaining the remedy;
- Compliance monitoring of treatment systems to ensure proper O&M as well as providing the data for any necessary permit or permit equivalent reporting;
- Maintaining Site access controls and Department notification; and
- Providing the Department access to the Site and O&M records.

Impact Environmental Engineering and Geology, PLLC. EP-90 Work Plan, Dated May 14, 2024

IEEG prepared a work plan to address NYSDEC Spill # 23-08807, generated on February 5, 2024 when an unregistered 55-gallon steel UST was encountered during excavation and petroleum odors and stained soil were noted. It was determined that the tank contained approximately forty-five (45) inches of a gasoline/water mixture. On February 7, 2024, the tank was pumped out by PAL Environmental Services, and on March 4, 2024, the tank was removed and scrapped by PAL. Beginning on March 12, 2204, soil excavation and sidewall sampling was conducted between 8 and 11-feet bgs: all samples, except for one, contained gasoline-related VOC exceedances. On March 26 and 29, 2024, thirty (30) horizontal and vertical delineation borings were installed, and samples were collected between 20-25 feet bgs. From these samples, exceedances were noted in in the 10-15 foot sample interval.

Based on the depth of contamination, a remedial excavation was proposed. Support of excavation (SOE) sheeting was installed and extended to 25 feet bgs. Based on the SOE design, the excavation was completed in two (2) sections (eastern and western sections) with a support sheeting wall between the excavations in order to limit the extent of open excavation. An odor control plan was employed to suppress odors in accordance with the Odor, Dust and Nuisance Control Plan in the approved RAWP. In addition to the two (2) ATMOS foam units, a Hydrocarbon Mitigation Agent (HMA) was used during excavation activities. Excavation work was completed utilizing a JCB

JZ141 excavator. Excavated soil with impacts was stockpiled, placed on top of poly sheeting, and sprayed with ATMOS foam and HMA prior to the stockpile being securely covered. Approximately 774.63 tons of impacted soil was disposed of.
Sidewall samples were collected at a frequency of 1 sample per thirty (30) linear feet of sidewall, and two (2) bottom/endpoint samples were collected within alpha-numeric grid 6. Sidewall samples were analyzed for CP-51 VOCs and bottom samples were analyzed for TCL VOCs and SVOCs, TCL PCBs and pesticides, TAL metals, total cyanide, mercury, arsenic, hexavalent chromium, 1,4-dioxane and NYSDEC List PFAS.
An evaluation was conducted to assess the potential migration of the spill off-site, and groundwater results of the adjacent sentinel wells (MW-5A, HRP-MW-5B and HRP-MW-3) were reviewed. Analytical results from multiple sampling events conducted between January 25, 2024, and April 16, 2024 detected no gasoline-related VOC exceedances.

Impact Environmental Engineering and Geology, PLLC. In-Situ Stabilization Work Plan, Dated December 22, 2024

An ISS Remedial Design Work Plan (RDWP) for full scale implementation of ISS using "Mix E" (as defined therein) to treat NAPL above the elevation of NAVD88 -19' and incorporating hot spot TF-4 area was submitted to the NYSDEC for review on December 22, 2024 and approved on December 23, 2024. The full-scale ISS work plan proposed the installation of 315 treatment columns in addition to the six (6) Mix E pilot test columns previously completed. A portion of the ISS treatment area is situated within the west footprint of the north building, where several piles were installed and subsequently removed to allow for installation of ISS treatment columns.

The contractor started the full-scale ISS treatment columns on January 6, 2025. ISS treatment columns were completed at the Site using a batch plant to prepare the Mix E which was distributed to the Bauer rig casing and 8-foot diameter auger during the advancements to NAVD88 -19' and retractions of the auger. A total of 297 treatment

columns were completed by April 10, 2025. A total of 6,554.54 tons of swell material generated during the ISS treatment process was removed.

During the advancement of the treatment columns, obstructions were encountered in twenty-two (22) treatment columns at depths ranging from 8.5 to 11 feet bgs and in two (2) treatment columns at depths of 20 and 22 feet bgs. The ISS auger could not advance through the obstructions which also could not be removed by excavator. The materials encountered for each obstruction consisted primarily of concrete associated with former building foundation elements and rebar. The NYSDEC required a plan to address the obstruction areas where NAPL was not treated to the required NAVD88 -19 feet.

Impact Environmental Engineering and Geology, PLLC. Source Removal Remedial Work Plan, Dated May 19, 2025

IEEG prepared a work plan to address remaining untreated source material located beneath ISS columns, which previously could not be completed to the terminal depth of NAVD88-19' due to subsurface obstructions. Obstructions consisted primarily of concrete associated with former building foundation elements and rebar. To address remaining contamination in ISS Grids 4, 5, and 8, resulting from the incomplete installation of the certain ISS columns (127, 128, 166, 168, 169, 176, 177, 213, 221, 225, 227, 249 through 253, 262 through 267, 286 and 288), Kingdom Associates drilled through the top layer of ISS-treated material and obstructions using a 48" casing in combination with a 42" auger with a core barrel equipped on a DELMAG RH34 drill rig to the terminal ISS treatment depth of NAVD 88 -19'. The obstruction areas subject to source removal, in which additional NAPL/GCM was removed with the drilled casing methodology, was approximately 1,068 square feet. Approximately 85 casing placement locations were drilled to address the area, and 3,294 tons of material was staged and then disposed of off-site at an approved facility. When encountering obstructions, Kingdom employed either a core barrel, a hammer attachment within

the casing, or a cluster hammer drill to break up obstructions. A materials management plan was implemented for soils generated, a decontamination and staging area was built for proper handling of equipment, and an odor control plan was employed to suppress odors in accordance with the Odor, Dust and Nuisance Control Plan in the approved RAWP. When source removal activities were completed, the borehole was backfilled with flowable fill and previously approved limestone DGA.

Impact Environmental Engineering and Geology, PLLC. Source Removal Remedial Work Plan (Row 1), Dated July 22, 2025

IEEG prepared a work plan to remediate remaining NAPL and historic fill in the 'Row 1' area, adjacent to the Gowanus Canal to address remaining untreated source material that could be remediated via ISS due to the proximity to the existing bulkhead. Kingdom Associates achieved NAPL/GCM removal by utilizing a 48" casing in combination with a 42" auger with a core barrel equipped on a DELMAG RH34 drill rig. In order to ensure that a terminal depth of NAVD 88 -19' was achieved, a buffer zone of approximately two (2) additional feet of source removal was completed to a treatment depth of +/- NAVD88 -21' for each casing location. Approximately 259 casing placement locations were drilled within Row 1, and 4,813 tons of material was temporarily staged and then disposed of off-site at an approved facility. When encountering obstructions, Kingdom employed either a core barrel, a hammer attachment within the casing, or a cluster hammer drill to break up obstructions. A materials management plan was implemented for soils generated, a decontamination and staging area was built for proper handling of equipment, and an odor control plan was employed to suppress odors in accordance with the Odor, Dust and Nuisance Control Plan in the approved RAWP. When source removal activities were completed, the borehole was backfilled with flowable fill and previously approved limestone DGA.

2.4 Remedial Action Objectives

The Remedial Action Objectives (RAOs) for the Site as listed in the DD dated October 12, 2023 are as follows:

Groundwater

RAOs for Public Health Protection

- Prevent ingestion of groundwater with contaminant levels exceeding drinking water standards.
- Prevent contact with, or inhalation of, volatiles from contaminated groundwater.

RAOs for Environmental Protection

- Restore ground water aquifer, to the extent practicable, to pre-disposal/pre-release conditions.
- Prevent the discharge of contaminants to surface water.
- Remove the source of ground or surface water contamination.

Soil

RAOs for Public Health Protection

- Prevent ingestion/direct contact with contaminated soil.

RAOs for Environmental Protection

- Prevent migration of contaminants that would result in groundwater or surface water contamination.

Soil Vapor

RAOs for Public Health Protection

- Mitigate impacts to public health resulting from existing, or the potential for, soil vapor intrusion into buildings at a site.

2.5 Remaining Contamination

2.5.1 Soil

In accordance with the NYSDEC-approved RAWP, documentation endpoint soil samples from each of the 114 grids were collected from the terminal base of the Track 4 remedial excavations, for which depths ranged from 2 to 21 feet bgs. (These remedial excavations are also inclusive of the hot spots where over-excavation to achieve applicable SCOs and PGW was required as well as underground storage tank (UST) locations. The results of 114 final documentation soil samples were evaluated in comparison to the Part 375 RRSCOs.

Confirmation soil samples were collected from the base of remedial excavations completed by excavator for Site grid locations EP-16 through EP-25, EP-31 through EP-40, EP-46 through EP-114. These soil samples were analyzed for NYSDEC Part 375 VOCs, SVOCs, pesticides, PCBs, metals (including trivalent and hexavalent chromium), total cyanide, and PFAS, and the results were compared to the Track 4 Restricted Residential and Protection of Groundwater SCOs. The environmental laboratory results for the confirmation soil samples document the required cleanup requirements were achieved for the COCs.

Documentation soil samples were collected from the base of the 3-5 foot excavation completed for grids EP-1 through EP-15 during bulkhead work prior to the start of source removal by casing excavation, and from the based of the 4-foot excavation cut completed for grids EP-26 – EP-30 and EP-41 through EP-45 prior to the start of the ISS

treatment. The documentation soil samples were analyzed for NYSDEC Part 375 VOCs, SVOCs, pesticides, PCBs, metals (including trivalent and hexavalent chromium), total cyanide, and PFAS and were compared to the Track 4 Restricted Residential and Protection of Groundwater SCOs. The results for these documentation soil samples indicated COC detections of PAHs, arsenic and/or lead above the required cleanup requirements.

Grids EP-26 through EP-30 and EP-41 through EP-45, where documentation sample results were above the Track 4 Restricted Residential and Protection of Groundwater SCOs, were treated from the base of the 4 foot excavation cut to the terminal treatment depth of -19 NAVD88 using ISS. The ISS process mixed contaminated soil and NAPL with a Portland cement/slag mixture by large diameter auger that resulted in a low permeability monolith. Two areas within the ISS treatment zone could not be completed due to subsurface obstructions; therefore, large diameter steel casings were advanced and various soil extraction augers and hammer attachments were used to remove the obstructions and contaminated soi/NAPL at those locations. Grids EP-1 through EP-15, along the bulkhead, were also excavated to the extent practicable using the large diameter casings and augers to remove COC source areas to average depth of -25 NAVD88. The large casing excavations were backfilled with a combination of flowable fill and dense graded aggregate (DGA) consisting of crushed limestone.

The Track 4 required cleanup requirements were achieved for the COCs outside of the ISS zone and EP-1 through EP-15. There is the potential for residual soil/NAPL contamination to be present in interstitial areas where bulkhead support structures limited casing excavation of EP-1 through EP-15. Contaminated soil/fill that was not removed or treated during remedial action remains beneath the composite cover system.

The potential for future soil exposure from excavation after the completion of the excavation is mitigated by the Engineering Controls at the Site and adherence to the SMP

and ICs by current and future property owners, employees, building occupants, and contractors.

Tables 3.1 through **3.4** summarize the results of all soil samples collected with the RRSCOs and/or applicable PGWSCOs, **Figure 5** illustrates the location of documentation and confirmation endpoint samples at the Site after completion of remedial action.

2.5.2 Groundwater

Previous groundwater investigations for the Site prior to RAWP implantation as well as the dewatering sentinel groundwater sampling and gauging performed during RAWP implementation indicated the presence of several VOCs, SVOCs and metals (total and dissolved), as well as PFAS.

It should also be noted that NAPL was observed in monitoring wells GW-17, NMAW-1B and NMAW-4B during the RI. Additionally, NAPL was observed in NMAW-1B and NMAW-4B during the GCM/NAPL Investigation.

Periodic gauging and sampling of the Site sentinel monitoring wells was completed from January 26, 2024 through March 13, 2025 in support of Site dewatering, per Long Island Well Permit requirements for the Site. The groundwater contaminants consistently identified above the NYSDEC AWQS during such monitoring included the following:

VOCs: benzene, naphthalene, 124-trimethylbenzene, 135-trimethylbenzene, 1245-trimethylbenzene, 1,4-dichlorobenzene, tetrachloroethene (PCE), trichloroethene (TCE) cis-1,2-dichloroethene and vinyl chloride

SVOCs: Benzo(a)anthracene, benzo(a)pyrene, Benzo(b)fluoranthene, Benzo(k)fluoranthene, dibenzo(a,h)anthracene, Indeno(1,2,3-cd)pyrene, chrysene and phenol.

Metals:

- Both total and dissolved: antimony, arsenic, iron and magnesium.
- Dissolved: sodium and chloride.
- Total lead and mercury.

PFAS: Perfluorooctanesulfonic Acid (PFOS) and Perfluorooctanoic Acid (PFOA)

On-site groundwater contamination was addressed via on-site dewatering, ISS, and source removal implemented as part of the Remedial Action completed at the Site. Site soils were excavated to meet the applicable PGWSCOs across a majority of the Site, with the exception for those limited interstitial areas between the source removal casings in EP-1 through EP-15, as approved by NYSDEC, as well as in the northwestern portion of the property that received ISS treatment. Exposure to the remaining groundwater is mitigated by the IC prohibiting the use of groundwater from the Site and a local prohibition.

Tables 4A (2022 RIR data) and **4B** (2023 SRIR data) as well as **Table 5** (sentinel well data) and **Figures 6A** (2022 RIR data), **Figure 6B** (2023 SRIR data) and **Figure 7** (sentinel well data) summarize the results of all samples of groundwater that exceed the SCGs after completion of the remedial action.

2.5.3 Soil Vapor

Soil vapor samples collected during previous investigations and the RI indicated the detections of chlorinated volatile organic compounds (CVOCs) and petroleum-related VOCs. A total of five (5) soil vapor samples were collected from locations across the Site during the RI phase of work. It should be noted that indoor air samples were not collected as part of that investigation given that the main industrial building was open with a high air exchange rate and not representative of indoor air quality during the RI.

The soil vapor samples collected during the RI identified thirty-one (31) VOCs detected at varying concentrations in the five (5) soil vapor samples collected from the Site. Thirteen of the VOCs detected in soil vapor samples are petroleum-related and include benzene, toluene, ethylbenzene, o-xylene and m,p-xylene (BTEX), 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, p-ethyltoluene, n-hexane, cyclohexane, n-heptane, styrene, isopropanol. Six cVOCs were detected at both high and low concentrations in the soil vapor samples, and include 1,1,1-trichloroethane, chloroform, chloromethane, methylene chloride, trichloroethylene (TCE) and tetrachloroethylene (PCE).

The NYSDOH has established guidance for evaluating SVI in which the results of soil vapor samples are compared to corresponding indoor air quality results; the guidance is presented in Matrix A through Matrix F of the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006 (with updates). The Decision Matrices were most recently updated in February 2024, following submission of the RIR. Per the update, the following compounds are evaluated using *Matrix A:* TCE, cis-1,2-dichlorethene,1,1-dichlroethene, and carbon tetrachloride; *Matrix B:* PCE, 1,1,1-trichloroethane, and methylene chloride; Vinyl chloride is evaluated using *Matrix C*; *Matrix D:* 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, benzene, cyclohexane, ethylbenzene, isooctane, naphthalene and o-xylene; *Matrix E*: heptane, hexane, and m,p-xylene; and toluene was evaluated using *Matrix F*.

Based on Matrices D, E and F, the following petroleum-related compounds were detected above a sub-slab concentration threshold for that compound: ethylbenzene, o-xylene, p & m-xylenes and toluene; however, no corresponding indoor air samples were collected during the RI for comparison using the NYSDOH Decision Matrices since the pre-existing building was demolished. Additionally, the chlorinated solvents, TCE and PCE, were detected above a sub-slab concentration thresholds for Matrix A and B, respectively; however, there is no corresponding indoor air sample for comparison with the sub-slab

detection since the pre-existing building was demolished. It should also be noted that TCE was detected at a level requiring mitigation in one (1) sample. Numerous additional petroleum-related VOCs and CVOCs were detected; however, these either did not have a NYSDOH sub-slab concentration threshold associated with the compound or the detection was below its associated Decision Matrix threshold.

Following the Remedial Action, post-remediation vapor samples were not collected as the building superstructure construction and enclosure was not complete to allow for confirmation sampling during the 2025-2026 heating season in accordance with the NYSDOH SVI Guidance.

Vapor barriers (as an element of construction) and SSD systems (as an EC) were installed beneath each new Site building to address the potential for soil vapor intrusion into the new buildings. A SSDS Remedial Design Work Plan dated July 3, 2024 was submitted to the NYSDEC, which was approved on July 3, 2024. The SSDSs beneath each building include a system of slotted PVC piping set within a gas-permeable zone placed beneath the vapor barrier and building slabs, with riser piping, fans and other equipment above the slab and venting outside of the buildings. Once the new building envelopes are complete, with their HVAC systems installed and operating, sub-slab depressurization confirmation sampling will take place to document and evaluate the post-remedial indoor air conditions. It should be noted that should the building(s) be completed outside of the heating season, the sampling will occur prior to building occupancy, and then repeated during the subsequent heating season. Refer to section 4 of this SMP for additional details and **Appendix L** for the Sub-Slab Depressurization Confirmation Sampling Work Plan.

Table 6 and **Figure 8** summarize the results of all samples of soil vapor that exceed the SCGs after completion of the remedial action.

3.0 INSTITUTIONAL AND ENGINEERING CONTROL PLAN

3.1 General

Since remaining contamination exists at the site, Institutional Controls (ICs) and Engineering Controls (ECs) are required to protect human health and the environment. This IC/EC Plan describes the procedures for the implementation and management of all IC/ECs at the site. The IC/EC Plan is one component of the SMP and is subject to revision by the NYSDEC project manager.

This plan provides:

- A description of all IC/ECs on the Site;
- The basic implementation and intended role of each IC/EC;
- A description of the key components of the ICs set forth in the EE;
- A description of the controls to be evaluated during each required inspection and periodic review;
- A description of plans and procedures to be followed for implementation of IC/ECs, such as the implementation of the Excavation Work Plan (EWP) (as provided in **Appendix D** for the proper handling of remaining contamination that may be disturbed during maintenance or redevelopment work on the Site; and
- Any other provisions necessary to identify or establish methods for implementing the IC/ECs required by the Site remedy, as determined by the NYSDEC project manager.

3.2 Institutional Controls

A series of ICs is required by the Decision Document to: (1) implement, maintain and monitor Engineering Control systems; (2) prevent future exposure to remaining contamination; and, (3) limit the use and development of the Site to restricted residential uses only. Adherence to these ICs on the site is required by the Environmental Easement

and will be implemented under this SMP. ICs identified in the Environmental Easement may not be discontinued without an amendment to or extinguishment of the Environmental Easement. The IC boundaries are shown on **Figure 9**. These ICs are:

- The property may be used for: Restricted-Residential use as defined in 6 NYCRR Part 375-1.8(g)(2)(ii), Commercial use as defined in 6 NYCRR Part 375-1.8(g)(2)(iii), and industrial use as defined in 6 NYCRR Part 375-1.8(g)(2)(iv) (although land use is subject to local zoning);
- All ECs must be operated and maintained as specified in this SMP;
- All ECs must be inspected at a frequency and in a manner defined in the SMP;
- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the NYC Department of Health and Mental Hygiene to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;
- Groundwater and other environmental or public health monitoring must be performed as defined in this SMP;
- Data and information pertinent to site management must be reported at the frequency and in a manner as defined in this SMP;
- All future activities that will disturb remaining contaminated material must be conducted in accordance with this SMP;
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in this SMP;

- Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in this SMP;

- Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement;

- The potential for vapor intrusion must be evaluated for any buildings developed in the area within the IC boundaries noted on **Figure 9**, and any potential impacts that are identified must be monitored or mitigated;

- Vegetable gardens and farming on the site are prohibited; and

3.3 Engineering Controls

3.3.1 Composite Cover System

Exposure to remaining contamination at the Site is prevented by a composite cover system. Under no circumstances is the capping system to be disturbed or otherwise modified without the express approval of the NYSDEC. If alteration, modification, or repair to the Site buildings require disturbance to the on-site capping system, an EWP is to be developed with the QEP and operator based on the design details of the work conducted. This EWP is to be reviewed and approved by the NYSDEC prior to the commencement of work. The composite cover system is comprised of:

- North and South Buildings: Minimum 24-inches, up to 14.5-feet (EP-90) of clean limestone DGA followed by the gravel gas-permeability layer for the SSDS and a Preprufe® 300 Plus Membrane (waterproof membrane) that bonds to poured

concrete, capped with a 10-inch thick reinforce concrete foundation slab for each building.

- The Upland Connection, Waterfront Public Access Area and Areas Outside New Building Footprints: These areas were completed with a temporary cap consisting of 24-inches of compacted virgin limestone DGA. The temporary cover system above the demarcation layer in these areas will be replaced by compacted virgin limestone DGA, hardscapes (e.g., concrete walkways, stone pavers, walkways), and landscaped area which will also require 24-inches of clean fill of which the source will be approved by the NYSDEC.

Refer to **Figure 10** for the location of the composite cover systems and applicable demarcation layers. Procedures for the inspection of this cover are provided in the Monitoring and Sampling Plan included in Section 4.0 of this SMP. The EWP provided in **Appendix D** outlines the procedures required to be implemented in the event the cover system is breached, penetrated or temporarily removed. Any work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in a Health and Safety Plan (HASP) and associated Community Air Monitoring Plan (CAMP) prepared for the site and provided in **Appendix E** and **Appendix F**, respectively. Any breach of the Site's cover system must be overseen by a Professional Engineer (PE) who is licensed and registered in New York State or a qualified person who directly reports to a PE who is licensed and registered in New York State.

3.3.2 In Situ Stabilization (ISS) Treatment Monolith

The ISS remedial element involved a 4-foot remedial excavation cut across the inland manufactured gas plant (MGP) coal tar NAPL footprint, followed by the advancement of ISS treatment columns to a terminal depth of NAVD88 -19 feet (29 ft bgs) to meet the objectives of the adjoining USEPA Gowanus Canal, National Priority List (NPL) Superfund Site Record of Design requirements. The overlapping ISS treatment columns resulted in a

monolith that creates a low permeability treatment zone that reduces contaminant mobility and toxicity. The ISS monolith is a permanent EC which is covered by the composite cover system, comprised of both the north building foundation and soft-scaped areas adjacent to the waterfront public access area. Based on current Site conditions, the ISS monolith is below-grade and beneath a portion of the foundation slab for the north building. The quality and integrity of the components of the EC will be inspected if exposed and accessible during or after any future construction activities near the ISS monolith. The inspections will be completed at the same frequency as the composite cover system (as applicable) and in substantial accordance with this SMP, in perpetuity. No operation and maintenance plan for this EC is required. The monolith footprint covers an area of 7,561 square feet and extends to approximately 29 feet bgs.

Implementation of the ISS involved the addition and mixing of approximately 1,356.85 tons of Portland cement, 904 tons of slag and water with soil to form the final monolith. The process involves the mixing of contaminated soil with Portland cement and slag with the. primary objective of permanently immobilizing soil contaminants into a soil-cement matrix. ISS QC samples demonstrated that the treatment area permeability ranged from 8.40E-07 to 4.00E-08 and UCS ranged from 196 to 1,343.1 psi. which meets the NYSDEC target performance objectives.

3.3.3 North and South Building Sub-Slab Depressurization System (SSDS)

Active SSD systems were installed beneath the footprint of the north and south buildings as ECs to mitigate potential soil vapor intrusion into the buildings from residual contaminants. The SSD systems were installed in accordance with Sub-Slab Depressurization Installation Remedial Design Work Plan dated July 3, 2024. The active SSD systems were designed to create a depressurized (low-vacuum) environment beneath the building foundation concrete slabs by extracting sub-slab vapor using roof-mounted fans. The low-vacuum condition creates a negative pressure gradient and

diverts vapors from beneath the building slabs to the atmosphere above the rooftop of the building.

Horizontal slotted screen piping was installed in a continuous 10-inch-thick layer of clean ¾ inch gravel placed above clean, compacted, approved DGA, then sealed with vapor barrier prior to the installation of the building's slab. Horizontal piping beneath each building slab consists of three (3) branches. The individual horizontal PVC piping runs transition to a 4-inch galvanized elbow and a 4-inch galvanized nipple for the vertical transition through the concrete slab. Piping penetrations through the slab were sealed using pipe boots or mastic as per vapor barrier manufacturer's specifications.

Once through the slab, each SSD system piping leg was connected to the manifold with individual gate valves for balancing air flow and vacuum from each branch. Sample ports were installed for testing/sampling of the vapor collected from each piping run. The 6-inch manifold connects to a single 6-inch diameter CPVC riser pipe that extends vertically to the roof. The vertical piping was extended above the roof with an inline connection to the SSD system blower. A valve and ¼-inch diameter port were installed prior to the fan with a vacuum gauge. The 6-inch piping was connected to the SSDS blower using a rubber Fernco coupling.

Each active SSD system was connected to an Obar Systems model GBR89 Radial SSDS Blower mounted on an OBAR roof mounted stand for connection to the electric system. Discharge piping from the fan's outlet consists of 6-inch diameter Schedule 40 PVC, as specified by the fan manufacturer, and equipped with a 6-inch weatherproof, animal-resistant vent screen and rain hood. The discharge stack was terminated a minimum of 10 feet above the finished roof structure and at least 12 feet horizontally from any of the building's air handling equipment minimum intakes or windows.

Post-construction performance monitoring will be completed under the SMP once the building envelope is completed. Vapor points were installed through the sub-slab of both

new buildings. The vapor points will be used for collection of sub-slab soil vapor samples and collection of differential pressure readings using a digital manometer. Indoor/ambient outdoor air samples will also be collected in accordance with the NYSDOH SVI Guidance. A work plan was submitted for the confirmation sampling under a separate cover.

Operation of the active SSD systems will not be discontinued without written approval by the NYSDEC and NYSDOH project managers. A proposal to discontinue the SSD systems may be submitted by the Volunteer based on confirmatory data that justifies such request. The SSD systems will remain in place and operational until permission to discontinue its use is granted in writing by the NYSDEC and NYSDOH project managers.

Procedures for operating and maintaining the SSD systems are documented in the Operation and Maintenance Plan (Section 5.0 of this SMP). As-built drawings, signed and sealed by a PE who is licensed and registered in New York State, are included in **Appendix G** – Operations and Maintenance Manual. **Figure 11** shows the location of the ECs for the Site.

3.3.4 Non-Aqueous Phase Liquid (NAPL) Recovery Wells

To address potential residual NAPL beneath grids EP-7 through EP-15 after source removal casing/auger excavation along the bulkhead, seven (7) NAPL recovery wells were installed on the western portion of the Site. The locations of the recovery wells were selected based on an evaluation of the pre-remediation NAPL occurrence, permanent accessibility to the well location, and construction of Site features related to the Gowanus Canal waterfront public walkway. The recovery well locations are distributed near the bulkhead areas across the length of the remediated NAPL area. The recovery wells were installed within the walkway, as there is a five (5) foot change in elevation that slopes down toward the Canal bulkhead. Refer to **Figure 12** for the recovery well locations. NAPL delineation boring logs from the Supplemental Remedial

Investigation were reviewed to evaluate the pre-remediation horizons of NAPL saturation where there may be the potential for post-remedial recoverable NAPL to exist. The recovery well installations were completed as part of the Remedial Action and is detailed in the FER. A Recovery Well Work Plan was submitted to the NYSDEC on January 8, 2026 and approved on January 20, 2026.

The recovery wells are constructed with 6-inch diameter stainless steel materials which consists of a solid riser (the length of which varies), a 15-foot machined continuous slotted screen, and a 10-foot solid NAPL recovery sump at the bottom.

The recovery wells were developed using a submersible pump after installation to remove fines and establish connectivity with the surrounding aquifer. The recovery wells were left undisturbed for a period of several weeks to equilibrate. The recovery wells will then be gauged monthly using an interface probe as part of site management. Any observations of sheen, blebs, free-phase product, staining or coating of the sampling equipment, odor, etc., will be recorded in a field log. If NAPL is detected, NAPL thickness will be recorded, and then a weighted, disposable polyethylene bailer will be used to visually confirm the NAPL and to manually remove the NAPL to the extent practicable. A NAPL Recovery Work Plan is included in **Appendix H**.

NAPL will be recovered until otherwise approved by the DEC. If NAPL recovery discontinuance is warranted, a request to cease the monitoring and recovery activities will be submitted to the NYSDEC for approval.

The Gowanus Superfund PRP may undertake NAPL gauging, recovery activities and groundwater performance monitoring on behalf of the Volunteer. The NAPL recovery results will be summarized in reports on an as needed basis, as described in Section 7.0.

3.4 Criteria for Completion of Remediation/Termination of Remedial Systems

Generally, remedial processes are considered completed when monitoring indicates that the remedy has achieved the RAOs identified by the DD. The basis for determining when remedial processes are complete is provided in Section 6.4 of NYSDEC DER-10. Unless waived by the NYSDEC, confirmation samples of applicable environmental media are required before terminating any remedial actions at the site. Confirmation samples require Category B deliverables and a Data Usability Summary Report (DUSR).

As discussed below, the NYSDEC may approve termination of a groundwater monitoring program and/or NAPL recovery. When a remedial party receives this approval, the remedial party will decommission all site-related monitoring, injection and recovery wells as per the NYSDEC CP-43 policy.

The remedial party will also conduct any needed Site restoration activities, such as asphalt patching and decommissioning treatment system equipment. In addition, the remedial party will conduct any necessary restoration of vegetation coverage, trees and wetlands, and will comply with NYSDEC and United States Army Corps of Engineers regulations and guidance. Also, the remedial party will ensure that no ongoing erosion is occurring on the Site.

3.4.1 Composite Cover System

The composite cover system is a permanent EC and the quality and integrity of this system will be inspected at defined, regular intervals in accordance with this SMP in perpetuity. In the event the composite cover system is disturbed during future redevelopment, it will be replaced in-kind or per redevelopment plans submitted to the NYSDEC in accordance with the SMP and subject to NYSDEC approval.

3.4.2 ISS Monolith

The ISS monolith is a permanent EC. The ISS monolith is situated partially beneath the west side of the north building slab and beneath the temporary composite cover system for the Site in Waterfront Public Access Area which will later be replaced with a final cover system. The quality and integrity of the system components will be inspected if exposed and accessible during or after any future construction activities near the ISS monolith. The inspections will be completed at the same frequency as the composite cover system (if necessary) and in substantial accordance with this SMP, in perpetuity.

3.4.3 Sub-Slab Depressurization System

The active SSD systems are permanent ECs and they will not be discontinued unless prior written approval is granted by the NYSDEC and the NYSDOH project managers. If monitoring data indicates that the SSD systems may no longer be required, a work plan to discontinue the SSD system will be submitted by the remedial party to the NYSDEC and NYSDOH project managers. The work plan must include soil vapor intrusion sampling to verify that the SSD system is no longer needed and must comply with the NYSDOH Soil Vapor Intrusion Guidance.

If the NYSDEC project manager approves termination of operation and maintenance of an SSD system, the remedial party will notify the property owner and ask whether the property owner wants to keep the SSD system. If the property owner elects to keep the system, the property owner will be responsible for the operation and maintenance of the system going forward. If the property owner wants the system removed, the remedial party will remove and dispose of the system and repair any parts of the structure that were altered or modified by the SSD system, such as holes in the basement floor or walls.

3.4.4 Recovery Wells Associated with NAPL Source Removal

NAPL recovery wells are a permanent EC. NAPL recovery (source removal) activities will continue for a period of at least five (5) years following COC issuance, or until residual NAPL is not detected or is no longer recoverable, as determined by the NYSDEC project manager in consultation with NYSDOH project manager. If NAPL recovery is no longer required, a proposal to discontinue the NAPL recovery activities will be submitted by the remedial party. NAPL recovery will continue until permission to discontinue is granted in writing by the NYSDEC project manager.

3.4.5 Monitoring Wells Associated with the Remedy

Groundwater monitoring to assess the performance of the remedy, or natural attenuation following the removal of contaminant sources, will continue as determined by the NYSDEC project manager in consultation with NYSDOH project manager, until residual groundwater concentrations are found to be below applicable NYSDEC standards, or have become asymptotic over an extended period.

To measure the effectiveness of the ISS remedy as well as source removal activities, two (2) additional sets of permanent groundwater monitoring cluster wells were installed. One (1) set of cluster wells located on the western portion of the Site within the NAPL source removal area, and one (1) set located off-site within the sidewalk adjacent to the northwestern portion of the Site. There are four (4) other sets of cluster wells that were previously installed for dewatering purposes. All previously installed cluster wells are located off-site on the sidewalk adjacent to the Site. One (1) set of previously installed cluster wells is located on the sidewalk adjacent to the northeastern corner of the Site, two (2) sets of previously installed cluster wells are located on the sidewalk adjacent to the eastern portion of the property, and one (1) set of previously installed cluster wells is located on the sidewalk adjacent to the southern portion of the property. Refer to **Figure 12** for proposed and existing cluster well locations. These wells will be used to monitor post-remediation contaminants of concern. Sampling will be conducted using low-flow

sampling procedures described in the QAPP, included in **Appendix I,** and analyzed for the full suite TCL/TAL.

If groundwater data indicates that monitoring may no longer be required, a proposal to discontinue the sampling will be submitted by the Volunteer. Monitoring and well inspections will continue until permission to discontinue is granted in writing by the NYSDEC and NYSDOH. Monitoring activities are outlines in the Monitoring and Sampling Plan of the SMP.

Well inspections will be performed during each quarterly monitoring event and annually thereafter. The quality and integrity of monitoring wells will be inspected if accessible during or after any future construction activities.

4.0 MONITORING AND SAMPLING PLAN

4.1 General

This Monitoring and Sampling Plan describes the measures for evaluating the overall performance and effectiveness of the remedy. This Monitoring and Sampling Plan may only be revised with the approval of the NYSDEC project manager. Details regarding the sampling procedures, data quality usability objectives, analytical methods, etc. for all samples collected as part of Site management for the Site are included in the Quality Assurance Project Plan (QAPP) provided in **Appendix I**.

This Monitoring and Sampling Plan describes the methods to be used for:

- Procedures for each SSDS start up;
- Sampling and analysis of all appropriate media (e.g., groundwater, indoor air, soil vapor, soils);
- Assessing compliance with applicable NYSDEC standards, criteria and guidance (SCGs), and
- Evaluating Site information periodically to confirm that the remedy continues to be effective in protecting public health and the environment;

To adequately address these issues, this Monitoring and Sampling Plan provides information on:

- Sampling locations, protocol and frequency;
- Information on all designed monitoring systems;
- Analytical sampling program requirements;
- Inspection and maintenance requirements for the SSD systems, recovery and monitoring wells;
- Monitoring well decommissioning procedures; and

- Annual inspection and periodic certification.

Reporting requirements are provided in Section 7.0 of this SMP.

4.2 Site – Wide Inspection

Site-wide inspections will be performed at a minimum of once per year. These periodic inspections must be conducted when the ground surface is visible (i.e. no snow cover). Site-wide inspections will be performed by a qualified environmental professional as defined in 6 NYCRR Part 375, a Professional Engineer (PE) who is licensed and registered in New York State, or a qualified person who directly reports to a PE who is licensed and registered in New York State. Modification to the frequency or duration of the inspections will require approval from the NYSDEC project manager. Site-wide inspections will also be performed after all severe weather conditions that may affect ECs or monitoring devices. During these inspections, an inspection form will be completed as provided in **Appendix J** – Site Management Forms. The form will compile sufficient information to assess the following:

- Compliance with all ICs, including Site usage;
- Whether ECs continue to perform as designed;
- An evaluation of the condition and continued effectiveness of ECs;
- General Site conditions at the time of the inspection;
- Whether stormwater management systems, such as basins and outfalls, are working as designed;
- The Site management activities being conducted including, where appropriate, confirmation sampling and a health and safety inspection; and
- Confirm that Site records are up to date.

Inspections of all remedial components installed at the Site will be conducted. A comprehensive site-wide inspection will be conducted and documented according to the SMP schedule, regardless of the frequency of the Periodic Review Report. The inspections will determine and document the following:

- Whether ECs continue to perform as designed;
- If these controls continue to be protective of human health and the environment;
- Compliance with requirements of this SMP and the Environmental Easement;
- Achievement of remedial performance criteria; and
- If Site records are complete and up to date.

Reporting requirements are outlined in Section 7.0 of this plan.

Inspections will also be performed in the event of an emergency. If an emergency, such as a natural disaster or an unforeseen failure of any of the ECs occurs that reduces or has the potential to reduce the effectiveness of ECs in place at the Site, verbal notice to the NYSDEC project manager must be given by noon of the following day. In addition, an inspection of the Site will be conducted within 5 days of the event to verify the effectiveness of the IC/ECs implemented at the Site by a qualified environmental professional, as defined in 6 NYCCR Part 375), a P.E., or a qualified person who reports to the QEP/PE, as defined in 6 NYCCR Part 375. Written confirmation must be provided to the NYSDEC project manager within 7 days of the event that includes a summary of actions taken, or to be taken, and the potential impact to the environment and the public. The remedial party will submit follow-up status reports to the NYSDEC within 45 days of the event on actions taken to respond to any emergency event requiring ongoing responsive action, describing and documenting actions taken to restore the effectiveness of the ECs.

The remedial party will conduct exterior inspections of all sub-slab depressurization (SSD) systems monthly for the first year of operation and perform comprehensive inspections annually thereafter. Exterior inspections will include: confirming that the fan is running correctly, determining whether there is damage to the stack or other exterior system components, and determining whether there have been structural changes, such as an addition to the structure. Comprehensive inspections include all of the activities required in the exterior inspection and an interior inspection, which includes: confirming a pressure differential on the manometer, inspecting the interior components for damage, recording vacuum readings from sub-slab vacuum monitoring points (if installed), and inspecting the basement area for cracks in the basement floors and walls that may have developed since the SSD system was installed. The remedial party will notify the DEC project manager about any problems within three days of inspections. Inspection reports will be emailed to the DEC Project Manager and included in the next Periodic Review Report (PRR). Any needed repairs will be made promptly according to the procedures in the Operation and Maintenance Plan.

4.3 Sub Slab Depressurization Systems

The active SSD systems consist of two (2) vacuum blowers connected to a sub-slab pipe network, one (1) at each building. The blowers are Obar GBR89 compact variable speed radial blowers that can obtain a 14” water column at 100 CFM with a max flow 500 CFM. The vacuum monitoring point target performance criteria is achieved at -0.01 inches of water column, with a minimum performance criterion of -0.004 inches of water column. Nine (9) permanent vapor monitoring/sub-slab vapor sampling points were installed within the foundation slab of each new building (see Figure 13A and Figure 13B) in areas where previous soil vapor and/or sub-slab vapor samples indicated high concentrations of VOCs.

4.3.1 Sub Slab Depressurization Systems Monitoring and Inspections

Monitoring of the sub slab depressurization systems will be performed on a routine basis, as identified in **Table 7** Remedial System Monitoring Requirements and Schedule (see below). The monitoring of remedial systems must be conducted by a qualified environmental professional as defined in 6 NYCRR Part 375, a Professional Engineer (PE) who is licensed and registered in New York State, or a qualified person who directly reports to a PE who is licensed and registered in New York State. Modification to the frequency or sampling requirements will require approval from the NYSDEC project manager. A visual inspection of the complete system will be conducted during each monitoring event. Unscheduled inspections and/or sampling may take place when a suspected failure of the SSD system has been reported or an emergency occurs that is deemed likely to affect the operation of the system. The SSD systems components to be monitored include, but are not limited to, the components included in **Table 7** below.

Table 7 – SSDS Monitoring Requirements and Schedule

SSDS Component	Inspection Parameter	Operating Range	Inspection Schedule
Vacuum Monitoring Points	Vacuum Pressure	-0.01 to 0.004 inches of water column (minimum)	Annually
Vacuum Gauges	Vacuum Pressure	-Up to 30 inches of water column	Annually
Exhaust Points	Motor Operation and Air Flow Direction	N/A	Annually
Vent Riser	Vacuum Pressure	-2.0 to -2.5 inches of water column	Annually
Remote Alarm System†	Functionality & Integrity	N/A	Annually

†Remote alarm will provide visual indicators to onsite staff if there is a loss of vacuum in any of the 4 risers, and IEEG and the Remedial Party will be automatically notified via email in those instances.

A complete list of components to be inspected is provided in the Inspection Checklist, provided in **Appendix J** – Site Management Forms. If any equipment readings are not within their specified operation range, any equipment is observed to be malfunctioning or the system is not performing within specifications; maintenance and repair, as per the Operation and Maintenance Plan, is required immediately.

4.4 Post-Remediation Media Monitoring and Sampling

4.4.1 Groundwater Sampling

Groundwater monitoring will be performed on a quarterly basis for the first year to assess the performance of the remedy. Following the first year of sampling, based on the groundwater results, the subsequent PRR will detail a proposed groundwater sampling path for DEC and DOH review and approval. Modification to the frequency or sampling requirements will require approval from the NYSDEC project manager.

The network of monitoring wells, will be installed to monitor upgradient, on-Site and downgradient groundwater conditions at the Site. The network of on-site and off-site wells has been designed based on the following criteria:

The monitoring well network includes six (6) cluster wells that monitor groundwater conditions across the Site and directly off-site.

Table 8 summarizes the wells' identification numbers, as well as location, coordinates and diameter. As part of the groundwater monitoring, two (2) sets of side-gradient wells, three (3) sets of upgradient wells and one (1) set of downgradient wells are sampled to evaluate the effectiveness of the remedial system. The remedial party will measure depth to the water table for each monitoring well in the network before sampling.

Table 8 – Monitoring Well Construction Details

Monitoring Well ID	Well Location	Coordinates (longitude/ latitude)	Well Diameter (inches)	Screen Interval (Feet) (bgs)	Screen Interval (Feet) (NAVD88)	Top of Casing Elevations (Feet) (NAVD88)
HRP-MW-5A	Upgradient	40.6791°, -73.98758° W	2	5 - 15	+5 to -5	10.3
HRP-MW-5B	Upgradient	40.679027°, -73.987608	2	15 - 25	-7 to -17	8.2
MW-19A	Side Gradient	40.678067°, -73.98701	2	5 - 15	+3 to -7	8.3
MW-19B	Side Gradient	40.678062°, -73.988692	2	15 – 25	-7 to -17	8.4
MW-20A	Upgradient	40.678283°, -73.988024	2	5 – 15	+3 to -7	8.1
MW-20B	Upgradient	40.678278°, -73.988027	2	15 – 25	-7 to -17	8.1
MW-21A	Upgradient	40.678702°, -73.987739	2	5 - 15	+3 to -7	8.4
MW-21B	Upgradient	40.678711°, -73.987732	2	15 – 25	-7 to -17	8.1
MW-22A	Side Gradient	40.679253°, -73.988069	2	10 - 20	+2.1 to -8.1	12.19
MW-22B	Side Gradient	40.679252°, -73.988064	2	20 - 30	-6.88 to -16.88	13.12
MW-23A	Downgradient on Site	40.679021°, -73.988377	2	10 - 20	+4 to -6	14*
MW-23B	Downgradient on Site	40.679013°, -73.988383	2	22 - 32	-8 to -16	14*

*Top of casing elevation is estimated

Refer to **Figure 12** for cluster well monitoring locations. The previously installed cluster wells were installed to a depth of approximately 15-feet bgs (shallow well) and 25-feet bgs (deep well). The wells were constructed of 2-inch diameter schedule 40 PVC, with approximately 10-feet of 0.010 slotted screen, and 5-feet of solid riser for the shallow wells and approximately 20-feet of 0.010 slotted screen, and 5-feet of solid riser for the deep wells. Monitoring well construction logs are included in **Appendix K** of this document. Groundwater is known to flow towards the west-southwest.

The monitoring wells in the program will be sampled in general accordance with the low-flow sampling procedures following USEPA guidance "*Low Stress [low flow] Purging and Sampling Procedure for the Collection of Groundwater Samples from Monitoring Wells*", dated September 19, 2017. During purging, field parameters will be measured including: water level drawdown, purge rate, pH, specific conductance, temperature, DO, turbidity and ORP, every five minutes using a water quality meter (Horiba) and a depth-to-water interface probe that will be decontaminated between wells. Samples will not be collected until the field parameters stabilize. Field parameters are considered stable once three sets of measurements are within ±0.1 standard units for pH, ±3% for conductivity and temperature, ±10 millivolts for ORP, and ±10% for turbidity and dissolved oxygen. Purge rates will be adjusted to keep the drawdown in the well to less than 0.3 feet, as practicable.

Groundwater monitoring samples will be collected for laboratory analysis of full suite TCL/TAL. The remedial goal is to document enhanced natural attenuation of groundwater contamination. The data generated from the groundwater sampling will be used to evaluate post-excavation and post-ISS and source removal conditions.

If biofouling or silt accumulation occurs in the on-site and/or off-site monitoring wells, the wells will be physically agitated/surged and redeveloped. Additionally, monitoring wells will be properly decommissioned and replaced if an event renders the wells unusable.

Repairs and/or replacement of wells in the monitoring well network will be performed as needed based on assessments of structural integrity and overall performance.

No monitoring well repairs, replacements or decommissioning may occur without prior approval from the DEC. The repair or decommissioning and replacement process will be documented in the subsequent Periodic Review Report. Well decommissioning without

replacement will be done only with the prior approval of the NYSDEC project manager. Well abandonment will be performed in accordance with NYSDEC's guidance entitled "CP-43: Groundwater Monitoring Well Decommissioning Procedures." Monitoring wells that are decommissioned because they have been rendered unusable will be replaced in kind in the nearest available location, unless otherwise approved by the NYSDEC project manager.

Should the recovery wells need to be reinstalled, they will be constructed of 6-inch diameter stainless steel materials which consists of a solid riser, the length of which will vary, a 15-foot machined continuous slotted screen, and a 10-foot solid NAPL recovery sump at the bottom. The well casing segments will be threaded to connected the riser, screen and sump section of the recovery well. The boring annulus around the NAPL sump will be filled with grout up to the bottom of the screen. The well screen slot size will be 0.01-inches and the boring annulus around the well screen will be filled with #2 clean filtration sand to the top followed by a 2-foot bentonite seal. The recovery wells will be screened to include intervals where pre-remediation NAPL was detected. The remainer of the boring annulus around the well riser will be filled with grout to just below the surface.

Should the monitoring wells need to be reinstalled; the shallow monitoring well in the source removal area (MW-23A) will consist of a 10-foot-long solid riser and a 10-foot machined slotted 0.01 screen. The second well of the cluster in the source removal area (MW-23B) will consist of a 20-foot-long solid riser and a 10-foot machined slotted 0.01 screen. The boring annulus around the shallow well screen will be filled with #2 clean filtration sand to two feet above the top of screen followed by a 2-foot bentonite seal and the deeper well boring annulus will be filled with #2 clean filtration sand to the top of screen followed by a 2-foot bentonite seal. The boring annulus around the riser will be grouted to the surface. The shallow monitoring well in the sidewalk of Union Street (MW-22A) will consist of a 5-foot-long solid riser and a 10-foot machined slotted 0.01 screen.

The second well of the cluster in the source removal area (MW-22B) will consist of a 15-foot-long solid riser and a 10-foot machined slotted 0.01 screen. The boring annulus around the shallow well screen will be filled with #2 clean filtration sand to two feet above the top of screen followed by a 2-foot bentonite seal and the deeper well boring annulus will be filled with #2 clean filtration sand to the top of screen followed by a 2-foot bentonite seal. The boring annulus around the riser will be grouted to the surface.

The sampling frequency may only be modified with the approval of the NYSDEC project manager. This SMP will be modified to reflect changes in sampling plans approved by the NYSDEC project manager.

Deliverables for the groundwater monitoring program are specified in Section 7.0 – Reporting Requirements.

4.4.2 Sub-Slab Depressurization Confirmation Sampling

Confirmation sampling will be performed following the completion of building envelope construction, to assess the performance of the remedy. Should the confirmation sampling not be able to be completed within the heating season, the sampling will be conducted prior to building occupancy and then again during the following heating season. Modification to the frequency or sampling requirements will require approval from the NYSDEC project manager.

Indoor air and ambient outdoor air (confirmation samples) shall be collected after the 30-day SSD systems start up.

Indoor air quality sample locations will be collected proximal to the nine vacuum monitoring points. It should be noted that two (2) indoor air locations for the north building (498 Union Street [NBIA-2 and NBIA-5]) and three (3) indoor air locations for the

south building (417 Carroll Street [SBIA-2, SBIA-4 and SBIA_5]) are located at the closest point within their respective building to the associated vacuum monitoring point, which are located in an open air 'court'. Refer to **Figures 13A** and **13B** for sample locations. Indoor Air sample acquisition will be performed utilizing 2.75-liter laboratory-supplied Summa canisters, or equivalent; each canister is to be equipped with a laboratory-prepared flow regulator set below 0.2 liters per minute per NYSDOH guidance. Each canister will be set atop an approximate three-foot tall stand, tabletop or other infrastructure. This sample collection elevation has been selected to represent air quality within typical breathing zone(s) (between three and five feet above slab grade, as specified within the NYSDOH Soil Vapor Intrusion guidance document.

An inventory of the materials and products stored (e.g. paint thinner, paints, etc.) within the buildings will be completed prior to confirmation sampling.

Table 9– Remedial System Sampling Requirements and Schedule are summarized below. Modification to the frequency or sampling requirements will require approval from the NYSDEC project manager.

Table 9– Remedial System Sampling Requirements and Schedule

Proposed Sampling Locations	Analytical Parameters	Schedule
Indoor Air Locations	VOC (EPA Method TO-15[inclusive of naphthalene])	After SSD System Startup
Outdoor Ambient Air	VOC (EPA Method TO-15[inclusive of naphthalene)	After SSD System Startup

A Sub-Slab Depressurization Confirmation Sampling Work Plan, to assess the SSDS is included in **Appendix L**. The building will not be occupied prior to the soil vapor intrusion/confirmation sampling and review/approval from DEC and DOH. The sampling frequency may only be modified with the approval of the NYSDEC project manager. This

SMP will be modified to reflect changes in sampling plans approved by the NYSDEC project manager.

Deliverables for the sub-slab depressurization confirmation sampling program are specified in Section 7.0 – Reporting Requirements.

4.4.3 Monitoring and Sampling Protocol

All sampling activities will be recorded in a field book and associated sampling log as provided in **Appendix J** – Site Management Forms. Other observations (e.g., groundwater monitoring well integrity) will be noted on the sampling log. The sampling log will serve as the inspection form for the monitoring network. Additional detail regarding monitoring and sampling protocols are provided in the site-specific Field Activities Plan provided as **Appendix M** of this document.

5.0 OPERATION AND MAINTENANCE PLAN

5.1 General

This Operation and Maintenance (O & M) Plan provides a brief description of the measures necessary to operate, monitor and maintain the mechanical components of the remedy selected for the Site. This O & M Plan:

- Includes the procedures necessary to allow individuals unfamiliar with the Site to operate and maintain the SSDS and recovery well systems;
- Includes procedures for each SSDS start up and testing;
- Includes an O & M contingency plan; and
- Will be updated periodically to reflect changes in Site conditions or the manner in which the SSDS and/or recovery well systems are operated and maintained.

Further detail regarding the O & M of the SSDS and recovery wells is provided in **Appendix G,** Operation and Maintenance Manual. A copy of this Operation and Maintenance Manual, along with the complete SMP, is to be maintained at the Site. This O & M Plan is not to be used as a stand-alone document, but as a component document of this SMP.

5.2 Sub-Slab Depressurization System Performance Criteria

The O & M requirements for the SSD systems include procedures related to the following processes: start-up, routine operation, shutdown, general maintenance and monitoring requirements, and record keeping. The following sections provide a description of the operations and maintenance of SSD system. As-built drawings for the SSD systems are provided in **Appendix N.**

The SSD systems will consist of two (2) vacuum blowers connected to a sub-slab pipe network, one (1) at each building. The blowers are Obar GBR89 compact variable speed radial blowers that can obtain a 14" water column at 100 CFM with a max flow 500 CFM. The vacuum monitoring point target performance criteria is achieved at -0.01 inches of water column, with a minimum performance criterion of -0.004 inches of water column.

5.2.1 System Start-Up and Testing

Prior to the startup of the SSD system for each building, the accessible system components will be inspected to identify potential operational issues. The Manufacturer's specifications and recommendations for startup will also be reviewed. The operation of both buildings' HVAC will be verified for normal operating conditions. The systems will then be started up and checked for leaks, seal conditions, backdrafts. Baseline vacuum and air flow measurements will be collected through riser sample ports to collect operational data, and system balancing will be completed. Warning devices will be checked to confirm operation.

In addition to the above, confirmation sampling will be performed to verify that the SSD systems are functioning effectively in preventing SVI into the buildings. Post mitigation indoor air sampling is recommended to verify that the SSD systems are functioning effectively in preventing the potential for soil vapor intrusion. To be representative of a residential exposure scenario, the confirmation samples should be collected for a duration of 24 hours. The (negative) pressure field testing results should indicate that satisfactory depressurization across the entire building slab has been achieved. The confirmation sampling should be conducted no sooner than 30 days after the SSD systems has been deemed operating efficiently and has been operating continuously for 30 days (so as to give it adequate chance to be effective). Additionally, the confirmation analytical sampling may need to be repeated in the next heating season, if initial confirmation samples are collected outside of the current heating season.

The system testing described above will be conducted if, in the course of the SSD systems' lifetimes, the systems goes down or significant changes are made to the systems and if the systems must be restarted.

5.2.2 Routine System Operation and Maintenance

Once the initial SSD system startup is complete, the SSD systems and their in-line fans will operate continuously in accordance with manufacturer's specifications, Site specific design parameters, and in accordance with the SMP requirements. Routine system maintenance is the responsibility of the building owner/management who will inspect the active vacuum blower and equipment monthly to identify any operational issues. Routine equipment maintenance includes making sure the effluent pipes are clear, collecting flow, checking vacuum gauges, and testing the alarm systems. The SSD systems should be inspected after any severe weather conditions or other conditions that may have damaged the systems. The SSD systems will be inspected by a qualified environmental professional as defined in 6 NYCRR Part 375 on an annual basis.

Should problems/repairs be identified, the NYSDEC and NYSDOH project managers will be notified in accordance with the required notification timelines. An Operations and Maintenance Manual specific to the remedial systems should be provided in **Appendix G**, which will provide further detail on the above.

5.2.3 Non-Routine Operation and Maintenance

The NYSDEC and the NYSDOH will be informed within 24 hours upon discovery of SSD systems failure. Repairs or adjustments will be made to the systems as appropriate and per manufacturer guidelines, within 15 days of the equipment failure, or whenever possible (i.e., pending availability of parts). If necessary, the systems will be redesigned and restarted. Activities conducted during non-routine maintenance visits will vary. Non-routine O & M may be triggered by the following:

- Warning devices indicate the SSD system is not operating correctly and corrective response is required;
- Damage to the SSD systems components identified that require repair/corrective response;
- Reduced effectiveness identified due to factors such as slab cracks/penetrations, sealing of perforations through the slab, high water table conditions, building settlement requiring correction and system adjustments;
- The building has undergone renovations that may reduce the effectiveness of the SSDS system; and
- SSD system component replacement (e.g. blower, alarm. etc.).

5.2.4 System Monitoring Devices and Alarms

The SSDSs have audible warning devices to indicate that the systems are not operating properly. The SSD systems also are connected to a Sensaphone Sentinel remote system monitor installed on the 1st floor in the superintendent's office of each building. Signal wires for each monitor are connected to 3 electronic vacuum sensors, one for each riser. The sensors monitor the vacuum at each riser. If the vacuum at any of the sensors falls below the sensors' setpoint of 0.25 inches of water, a visible and an audible alarm will occur on the monitor. In addition, the monitor notifies appropriate personnel via email of the failure.

The SSDS systems each have a warning device to indicate that the system is not operating properly. In the event that warning device is activated, applicable maintenance and repairs will be conducted, as specified in the Operation and Maintenance Plan, and the SSD systems will be restarted. Operational problems will be noted in the Periodic Review Report to be prepared for that reporting period.

5.3 Recovery Well Performance Criteria

The O & M requirements for the recovery well system include procedures related to NAPL recovery. The following sections provide a description of the operations and maintenance of the recovery wells system.

The recovery well system includes seven (7) recovery wells which were selected based on an evaluation of the pre-remediation areas containing NAPL, accessibility to recovery well locations and construction of Site features related to the Gowanus Canal waterfront public walkway. Refer to **Figure 12** for the recovery well locations.

5.3.1 Routine System Operation and Maintenance

Once the recovery wells are installed, quarterly routine inspections for wellhead security, integrity and operational status will be completed. Routine equipment maintenance includes sump maintenance: schedule cleaning should it be required; testing or replacing pumps; well rehabilitation: methods and procedures for addressing fouling, such as acidizing or surging to maintain screen efficiency; and conveyance systems: inspection of NAPL storage containers for leaks.

Should problems/repairs be identified, the NYSDEC and NYSDOH project managers will be notified in accordance with the required notification timelines.

It should be noted that if odors are encountered during gauging, bailing, NAPL recovery, and drum handling activities, Remedia ™ odor eliminator, or equivalent will be maintained on-Site to neutralize odors. Remedia is a water-based, biodegradable product formulated to chemically neutralize odors associated with hydrocarbons, sulfur, and PAHs. The product will be stored in a dedicated, secure on-site location. Should odor suppressant be needed, Remedia will be pre-mixed and applied in accordance with manufacturers specifications. Refer to **Appendix H** for more details regarding an odor control plan for NAPL recovery.

5.3.2 Non-Routine Operation and Maintenance

The NYSDEC will be informed within 24 hours upon discovery of recovery well failure. Repairs or adjustments will be made within 15 days of the failure, or whenever possible (i.e., pending availability of parts). Activities conducted during non-routine maintenance visits will vary. Non-routine O & M may be triggered by the following:

- Damage to the recovery well identified that require repair/corrective response;
- Recovery well fouling; and
- Recovery well sump failure

5.4 Fire Safety

The new buildings constructed at the Site have incorporated fire protection and life safety systems in accordance with the New York State Uniform Fire Prevention and Building Code, and the NYC Building and Mechanical codes. In New York City, SSD systems (aka vapor intrusion mitigation systems) are primarily regulated by specific code requirements outlined in Chapters 5 (Exhaust Systems) and 9 (Fire Protection Systems) of the Code. The Site is also subject to recurring/periodic Fire Department of the City of New York inspections by the Fire Marshall for chemical/flammable storage, fire extinguishers, Emergency lighting, Sprinklers and alarm systems.

The SSD systems are designed to prevent harmful vapors from entering buildings by creating a negative pressure below the slab. Dedicated electrical connections were installed between the existing 240 Volt, three phase electrical supply (located inside the buildings) and the fan's weather-proof electrical switch box.

The remedial party will conduct an annual facility walk with the local fire chief and/or fire suppression team. The Site walk will allow for the addition of the facility to any local preplanning efforts. The NYSDEC project manager will be provided with the local fire chief's/fire suppression team's recommendations as soon as they become available.

Following review, the NYSDEC project manager may direct the remedial party to implement the recommendations and/or revise the SMP.

6.0 PERIODIC ASSESSMENTS/EVALUATIONS

6.1 Climate Change Vulnerability Assessment

Increases in both the severity and frequency of storms/weather events, an increase in sea level elevations along with accompanying flooding impacts, shifting precipitation patterns and wide temperature fluctuation, resulting from global climactic change and instability, have the potential to significantly impact the performance, effectiveness and protectiveness of a given site and associated remedial systems. Vulnerability assessments provide information so that the site and associated remedial systems are prepared for the impacts of the increasing frequency and intensity of severe storms/weather events and associated flooding.

This section provides a summary of vulnerability assessments that will be conducted for the Site during periodic assessments, and briefly summarizes the vulnerability of the Site and/or engineering controls to severe storms/weather events and associated flooding.

- According to the Federal Emergency Management Agency (FEMA) Effective Flood Insurance Rate Map (FIRM) exported on November 5, 2021 (flood panel 3604970211F), the Site is located in a special flood hazard area, Zone AE. This zone is characterized by a 1 % annual chance of flooding and is categorized as being within a Special Flood hazard Area (SFHA). In the event of power loss, the effectiveness of one (1) of the engineering controls, the active SSDS, could be disrupted.
- Significant Site erosion is not expected during severe weather or precipitation events as minimal soil is exposed for landscaping purposes, and the Site is largely to be improved impervious surfaces up to its boundaries. No chemical or petroleum bulk storage are anticipated; therefore, chemical and petroleum spills are not anticipated. ECs including the composite cover system will be inspected after severe weather or other emergency conditions (natural disasters or fires)

and repaired as necessary. The ISS monolith is protected by the composite cover system which it is buried beneath.

Overall, the Site ECs are expected to be vulnerable to the effects of global climate change, including severe weather and flooding events.

6.2 Green Remediation Evaluation

NYSDEC's DER-31 Green Remediation requires that green remediation concepts and techniques be considered during all stages of the remedial program including site management, with the goal of improving the sustainability of the cleanup and summarizing the net environmental benefit of any implemented green technology. This section provides an environmental footprint analysis of the remedy, as implemented at the time of this SMP. This section of the SMP also provides a summary of green remediation evaluations to be completed for the site during site management and reported in PRRs.

6.2.1 Timing of Green Remediation Evaluations

For major remedial system components, green remediation evaluations and corresponding modifications will be undertaken as part of a formal Remedial System Optimization (RSO), or at any time that the NYSDEC project manager feels appropriate, (e.g., during significant maintenance events or in conjunction with storm recovery activities).

Modifications resulting from green remediation evaluations will be routinely implemented and scheduled to occur during planned/routine operation and maintenance activities after approval from the DER project manager. Reporting of these modifications will be presented in the PRR.

6.2.2 Remedial Systems

Remedial systems will be operated properly considering the current site conditions to conserve materials and resources to the greatest extent possible. Consideration will be given to operating rates and use of reagents and consumables. Spent materials will be sent for recycling, as appropriate.

6.2.3 Building Operations

Structures including buildings and sheds will be operated and maintained to provide for the most efficient operation of the remedy, while minimizing energy, waste generation and water consumption.

6.2.4 Inspections, Sampling, Maintenance and Other Periodic Activities

Transportation to and from the Site, use of consumables in relation to visiting the Site in order to conduct system checks and/or collect samples, and shipping samples to a laboratory for analyses have direct and/or inherent energy costs. The schedule and/or means of these periodic activities was devised so as to not negatively impact the protectiveness of remedial systems and/or ECs while reducing expenditure of energy and/or non-renewable resources. When possible, Site cover inspections and performance monitoring events will be performed simultaneously to conserve resources.

- The on-site engineering control, an active SSDS, is a low-maintenance and low-power usage system. The system produces no waste or significant or treatable on-site emissions, uses no water, and does not utilize any open space. Thus, the system is considered to meet the goal of improving sustainability of the cleanup and provides a net environmental benefit.
- Only annual O&M is required for the SSDS, which will be

performed in conjunction with the annual periodic review and Site inspection, minimizing the need for frequent site visits via mass transit.

- Recovery well and post remedial groundwater monitoring well sampling events as well as O&M will be consolidated in terms of Site mobilizations, courier pickups, etc.
- The Site area is highly urbanized, with some green spaces, trees and/or containerized vegetation on and adjacent to the Site; there is no anticipated negative effect for ecosystems.

6.2.5 Metrics and Reporting

As discussed in Section 7.0 and as shown in **Appendix J** – Site Management Forms, information on energy usage, solid waste generation, transportation and shipping, water usage and land use and ecosystems will be recorded to facilitate and document consistent implementation of green remediation during site management and to identify corresponding benefits. A set of metrics has been developed and will be evaluated over time to ensure that green remediation actions are achieving the desired results.

6.3 Remedial System Optimization

A Remedial System Optimization (RSO) study will be conducted any time that the NYSDEC project manager or the remedial party requests in writing that an in-depth evaluation of the remedy is needed. An RSO may be appropriate if any of the following occur:

- The remedial actions have not met or are not expected to meet RAOs in the time frame estimated in the Decision Document;
- The management and operation of the remedial system is exceeding the estimated costs;
- The remedial system is not performing as expected or as designed;

- Previously unidentified source material may be suspected;
- Plume shift has potentially occurred;
- Site conditions change due to development, change of use, change in groundwater use, etc.;
- There is an anticipated transfer of the site management to another remedial party or agency; and
- A new and applicable remedial technology becomes available.

An RSO will evaluate the Site's conceptual model, summarize past remedial actions, document current Site conditions, evaluate additional performance or media specific data and information, and provide recommendations and justifications for improving the ECs or changing the remedial strategy.

7.0. REPORTING REQUIREMENTS

7.1 Site Management Reports

All Site management inspection, maintenance and monitoring events will be recorded on the appropriate site management forms provided in **Appendix J.** These forms are subject to NYSDEC revision. All site management inspection, maintenance, and monitoring events will be conducted by a Professional Engineer (PE) who is licensed and registered in New York State, or a qualified person who directly reports to a PE who is licensed and registered in New York State.

All applicable inspection forms and other records, including media sampling data and system maintenance reports, generated for the site during the reporting period will be provided in electronic format to the NYSDEC in accordance with the requirements of **Table 10** and summarized in the Periodic Review Report.

Table 10: Schedule of Interim Monitoring/Inspection Reports

* The frequency of events will be conducted as specified until otherwise approved by the NYSDEC project manager.

Task/Report	Reporting Frequency*
Composite Cover System and ISS Monolith	Annually, reports will be issued the following year
SSDS Inspection	Monthly
Soil-Slab Depressurization Confirmation Sampling	During the heating season
NAPL Recovery Wells	Quarterly
Groundwater Monitoring, Sampling and Inspection	Quarterly
Periodic Review Report	16 months, or as otherwise determined by the NYSDEC

All interim monitoring/inspections reports will include, at a minimum:

- Date of event or reporting period;
- Name, company, and position of person(s) conducting monitoring/inspection activities;
- Description of the activities performed;
- Where appropriate, color photographs or sketches showing the approximate location of any problems or incidents noted (included either on the checklist/form or on an attached sheet);
- Type of samples collected (e.g., sub-slab vapor, indoor air, outdoor air);
- Copies of all field forms completed (e.g., well sampling logs, chain-of-custody documentation);
- Sampling results in comparison to appropriate standards/criteria;
- A figure illustrating sample type and sampling locations;
- Copies of all laboratory data sheets and the required laboratory data deliverables required for all points sampled (to be submitted electronically in the NYSDEC-identified format);
- Any observations, conclusions, or recommendations; and
- A determination as to whether contaminant conditions have changed since the last reporting event.

Routine maintenance event reporting forms will include, at a minimum:

- Date of event;
- Name, company, and position of person(s) conducting maintenance activities;
- Description of maintenance activities performed;
- Any modifications to the system;
- Where appropriate, color photographs or sketches showing the approximate location of any problems or incidents noted (included either on the checklist/form or on an attached sheet); and

- Other documentation such as copies of invoices for maintenance work, receipts for replacement equipment, etc., (attached to the checklist/form).

Non-routine maintenance event reporting forms will include, at a minimum:

- Date of event;
- Name, company, and position of person(s) conducting non-routine maintenance/repair activities;
- Description of non-routine activities performed;
- Where appropriate, color photographs or sketches showing the approximate location of any problems or incidents (included either on the form or on an attached sheet); and
- Other documentation such as copies of invoices for repair work, receipts for replacement equipment, etc. (attached to the checklist/form).

Data will be reported in digital format as determined by the NYSDEC. Currently, data is to be supplied electronically and submitted to the NYSDEC EQuIS™ database in accordance with the requirements found at this link http://www.dec.ny.gov/chemical/62440.html.

7.2 Periodic Review Report

A Periodic Review Report (PRR) will be submitted to the NYSDEC project manager beginning sixteen (16) months after the Certificate of Completion is issued. After submittal of the initial Periodic Review Report, the next PRR shall be submitted annually to the NYSDEC project manager or at another frequency as may be required by the NYSDEC project manager. In the event that the site is subdivided into separate parcels with different ownership, a single Periodic Review Report will be prepared that addresses the Site described in **Appendix A** -Environmental Easement. The report will be prepared in accordance with NYSDEC's DER-10 and submitted within 30 days of the end of each certification period. Media sampling results will also be incorporated into the Periodic Review Report. The report will include:

- Identification, assessment and certification of all ECs/ICs required by the remedy for the site.

- Results of the required annual site inspections, fire inspections and severe condition inspections, if applicable.

- Description of the activities performed.

- All applicable Site management forms and other records generated for the site during the reporting period in the NYSDEC-approved electronic format, if not previously submitted.

- Identification of any wastes generated during the reporting/certifying period, along with waste characterization data, manifests, and disposal documentation.

- A summary of any discharge monitoring data and/or information generated during the reporting period, with comments and conclusions.

- Data summary tables and graphical representations of contaminants of concern by media (groundwater, soil vapor, etc.), which include a listing of all compounds analyzed, along with the applicable standards, with all exceedances highlighted. These tables and figures will include a presentation of past data as part of an evaluation of contaminant concentration trends, including but not limited to:
  - Trend monitoring graphs that present groundwater contaminant levels from before the start of the remedy implementation to the most current sampling data;
  - Trend monitoring graphs depicting system influent analytical data on a per event and cumulative basis;
  - O&M data summary tables;
  - A current plume map for sites with remaining groundwater contamination; and
  - A groundwater elevation contour map for each gauging event.
- Results of all analyses, copies of all laboratory data sheets, and the required laboratory data deliverables for all samples collected during the reporting period will be submitted in digital format as determined by the NYSDEC. Currently, data is supplied electronically and submitted to the NYSDEC EQuIS™ database in accordance with the requirements found at this link: http://www.dec.ny.gov/chemical/62440.html.

- A Site evaluation, which includes the following:
  - The compliance of the remedy with the requirements of the Site-specific RAWP, ROD or DD;
  - The operation and the effectiveness of all treatment units, etc., including identification of any needed repairs or modifications;
  - Any new conclusions or observations regarding site contamination based on inspections or data generated by the Monitoring and Sampling Plan for the media being monitored;
  - Recommendations regarding any necessary changes to the remedy and/or Monitoring and Sampling Plan;
  - An update to the climate change vulnerability assessment if site or external conditions have changed since the previous assessment, and recommendations to address vulnerabilities.
  - A summary of the Green Remediation evaluation, including a quantitative and qualitative overview of a site's environmental impacts and recommendations to improve the remedy's environmental footprint.
  - An evaluation of trends in contaminant levels in the affected media to determine if the remedy continues to be effective in achieving remedial goals as specified by the RAWP, ROD or Decision Document; and
  - The overall performance and effectiveness of the remedy.

- A performance summary for all treatment systems at the site during the calendar year, including information such as:
  - The number of days the system operated for the reporting period;
  - The average, high, and low flows per day;
  - The contaminant mass removed and the cost per pound of mass removed during the certification period and during the life of the treatment system;
  - A description of breakdowns and/or repairs along with an explanation for any significant downtime;
  - A description of the resolution of performance problems;

- Alarm conditions;
- Trends in equipment failure;
- A summary of the performance, effluent and/or effectiveness monitoring; and
- Comments, conclusions, and recommendations based on data evaluation. Recommendations must address how receptors would be impacted. Recommendations can include:
    - Proposals to address efficiency and costs such as: instituting remote operation, system changes to decrease maintenance costs and downtime, and system changes to decrease energy use; and
    - Proposals to modify or shut down a treatment system due to remediation completion, system performance or changed conditions. System shutdowns are addressed in Section 6.4 of DER-10.

7.2.1 Certification of Institutional and Engineering Controls

Following the last inspection of the reporting period, a QEP as defined in 6 NYCRR Part 375 and/or PE licensed to practice and registered in New York State will prepare, and include in the Periodic Review Report, the following certification as per the requirements of NYSDEC DER-10:

"*For each institutional or engineering control identified for the site, I certify that all of the following statements are true:*

- *The inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under my direction;*
- *The institutional control and/or engineering control employed at this site is unchanged from the date the control was put in place, or last approved by the Department;*
- *Nothing has occurred that would impair the ability of the control to protect the public health and environment;*

- *Nothing has occurred that would constitute a violation or failure to comply with any site management plan for this control;*
- *Access to the site will continue to be provided to the Department to evaluate the remedy, including access to evaluate the continued maintenance of this control;*
- *If a financial assurance mechanism is required under the oversight document for the site, the mechanism remains valid and sufficient for the intended purpose under the document;*
- *Use of the site is compliant with the environmental easement;*
- *The engineering control systems are performing as designed and are effective;*
- *To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program and generally accepted engineering practices; and*
- *The information presented in this report is accurate and complete.*

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, [name], of [business address], am certifying as [Owner/Remedial Party or Owner's/Remedial Party's Designated Site Representative] [I have been authorized and designated by all site owners/remedial parties to sign this certification] for the site."

"I certify that the New York State Education Department has granted a Certificate of Authorization to provide Professional Engineering services to the firm that prepared this Periodic Review Report."

- *No new information has come to my attention, including groundwater monitoring data from wells located at the site boundary, if any, to indicate that the assumptions made in the qualitative exposure assessment of off-site contamination are no longer valid; and*

- *The assumptions made in the qualitative exposure assessment remain valid.*

The signed certification will be included in the Periodic Review Report.

The Periodic Review Report will be submitted, in electronic format, to the NYSDEC project manager and the NYSDOH project manager. The Periodic Review Report may also need to be submitted in hard-copy format if requested by the NYSDEC project manager.

7.3 Corrective Measures Work Plan

If any component of the remedy is found to have failed, or if the periodic certification cannot be provided due to the failure of an institutional or engineering control or failure to conduct Site management activities, a Corrective Measures Work Plan will be submitted to the NYSDEC project manager for approval. This plan will explain the failure and provide the details and schedule for performing work necessary to correct the failure. Unless an emergency condition exists, no work will be performed pursuant to the Corrective Measures Work Plan until it has been approved by the NYSDEC project manager.

7.4 Remedial System Optimization Report

If an RSO is to be performed (see Section 6.3), upon completion of an RSO, an RSO report must be submitted to the NYSDEC project manager for approval. The RSO report will document the research/ investigation and data gathering that was conducted, evaluate the results and facts obtained, present a revised conceptual site model and present recommendations. RSO recommendations are to be implemented upon approval from the NYSDEC. Additional work plans, design documents, HASPs etc., may still be required to implement the recommendations, based upon the actions that need to be taken. A final engineering report and update to the SMP may also be required.

The RSO report will be submitted, in electronic format, to the NYSDEC project manager and the NYSDOH project manager.

8.0 REFERENCES

Hydro Tech Environmental Corp., Phase I Environmental Site Assessment. August 13, 2012.

EnviroTrac Ltd, Request for Spill Closure. April 11, 2013.

EnviroTrac Ltd, Phase II Environmental Site Assessment. April 12, 2013.

Langan Engineering, Environmental, Surveying, Landscape Architecture and Geology, D.P.C., Phase II Environmental Site Assessment. July 19, 2019.

IEEG, Additional Subsurface Investigation. October 2, 2021.
IEEG, RAWP. September 20, 2023.

NYSDEC Decision Document. October 2023

IEEG, EP-90 Work Plan. May 14, 2024

IEEG, In-Situ Stabilization Work Plan. December 22, 2024

IEEG, Source Removal Remedial Work Plan. May 19, 2025

IEEG, Source Removal Remedial Work Plan (Row 1). July 22, 2025

NYSDEC, Draft Brownfield Cleanup Program Guide. May 2004.

NYSDOH, Guidance for Evaluating Soil Vapor Intrusion in the State of New York. October 2006 (updated February 2024).NYSDEC DER-31, Green Remediation. August 2010.

6 NYCRR Part 375, Environmental Remediation Programs. December 14, 2006NYSDEC DER-10 – "Technical Guidance for Site Investigation and Remediation". May 2010.

NYSDEC, 1998. Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1. June 1998 (April 2000 addendum).

TABLES

318 Nevins Street, Brooklyn, NY

Site Management Plan
NYSDEC BCP #C224350

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
FAX: (631) 269-1599

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-16-112123		EP-17-113023		EP-18-113023		EP-19-113023		EP-20-113023		EP-21-120123		EP-22-120423		EP-22-120423		EP-23-120423		EP-23-120423		EP-24-120423		EP-24-120423		EP-25-120423		EP-26-121223		EP-27-121223		EP-28-120423	
SAMPLING DATE				11/21/2023		11/30/2023		11/30/2023		11/30/2023		11/30/2023		12/1/2023		12/4/2023		12/4/2023		12/4/2023		12/4/2023		12/4/2023		12/4/2023		12/4/2023		12/12/2023		12/12/2023		12/4/2023	
LAB SAMPLE ID				L2369270-01		L2370550-01		L2370550-02		L2370550-03		L2370550-04		L2371003-01		L2371219-01		L2371219-01 R1		L2371219-03		L2371219-03 R1		L2371219-04		L2371219-04 R1		L2371219-02		L2373251-06		L2373251-07		L2371219-17	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																			
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																																			
Chromium, Hexavalent	18540-29-9	19	mg/kg	0.307	J	0.907	U	0.895	U	0.893	U	0.943	U	0.902	U	1.03	U	-	-	0.915	U	-	-	0.22	J	-	-	0.934	U	0.899	U	0.387	J	0.951	U
Cyanide, Total	57-12-5	40	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Solids, Total	NONE	~	%	91.3		88.2		89.4		89.6		84.8		88.7		77.8		-	-	87.4		-	-	81.6		-	-	85.6		89		85.2		84.1	
Organochlorine Pesticides by GC																																			
4,4'-DDD	72-54-8	14	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	72-55-9	17	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	50-29-3	136	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldrin	309-00-2	0.19	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alpha-BHC	319-84-6	0.02	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beta-BHC	319-85-7	0.09	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane	57-74-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-Chlordane	5103-71-9	2.9	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Delta-BHC	319-86-8	0.25	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	60-57-1	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan I	959-98-8	102	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan II	33213-65-9	102	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	1031-07-8	1000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin	72-20-8	0.06	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	7421-93-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone	53494-70-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	76-44-8	0.38	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	1024-57-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lindane	58-89-9	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor	72-43-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxaphene	8001-35-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-Chlordane	5103-74-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorinated Alkyl Acids by EPA 1633																																			
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2	27619-97-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	2991-50-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Ac	2355-31-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFOA/PFOS, Total	null	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC																																			
Aroclor 1016	12674-11-2	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1221	11104-28-2	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1232	11141-16-5	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1242	53469-21-9	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1248	12672-29-6	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1254	11097-69-1	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1260	11096-82-5	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1262	37324-23-5	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1268	11100-14-4	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs, Total	1336-36-3	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semivolatile Organics by GC/MS																																			
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.027	U	0.14	U	0.14	U	0.14	U	0.14	U	0.028	U	0.032	U	-	-	0.028	U	-	-	0.03	U	-	-	0.029	U	0.028	U	0.14	U	0.029	U
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	0.11	U	0.55	U	0.55	U	0.55	U	0.58	U	0.11	U	0.13	U	-	-	0.11	U	-	-	0.12	U	-	-	0.12	U	0.11	U	0.58	U	0.12	U
2,4-Dichlorophenol	120-83-2	~	mg/kg	0.16	U	0.83	U	0.83	U	0.82	U	0.87	U	0.16	U	0.19	U	-	-	0.17	U	-	-	0.18	U	-	-	0.17	U	0.17	U	0.86	U	0.18	U
2,4-Dimethylphenol	105-67-9	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
2,4-Dinitrophenol	51-28-5	~	mg/kg	0.87	U	4.4	U	4.4	U	4.4	U	4.6	U	0.88	U	1	U	-	-	0.91	U	-	-	0.96	U	-	-	0.92	U	0.89	U	4.6	U	0.94	U
2,4-Dinitrotoluene	121-14-2	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
2,6-Dinitrotoluene	606-20-2	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
2-Chloronaphthalene	91-58-7	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
2-Chlorophenol	95-57-8	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
2-Methylnaphthalene	91-57-6	~	mg/kg	0.15	J	0.15	J	0.16	J	0.18	J	0.86	J	0.066	J	0.19	J	-	-	0.2	J	-	-	0.3		-	-	0.13	J	0.52		0.71	J	0.063	J
2-Methylphenol	95-48-7	0.33	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-16-112123		EP-17-113023		EP-18-113023		EP-19-113023		EP-20-113023		EP-21-120123		EP-22-120423		EP-22-120423		EP-23-120423		EP-23-120423		EP-24-120423		EP-24-120423		EP-25-120423		EP-26-121223		EP-27-121223		EP-28-120423	
SAMPLING DATE				11/21/2023		11/30/2023		11/30/2023		11/30/2023		11/30/2023		12/1/2023		12/4/2023		12/4/2023		12/4/2023		12/4/2023		12/4/2023		12/4/2023		12/4/2023		12/12/2023		12/12/2023		12/4/2023	
LAB SAMPLE ID				L2369270-01		L2370550-01		L2370550-02		L2370550-03		L2370550-04		L2371003-01		L2371219-01		L2371219-01 R1		L2371219-03		L2371219-03 R1		L2371219-04		L2371219-04 R1		L2371219-02		L2373251-06		L2373251-07		L2371219-17	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																			
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Nitroaniline	88-74-4	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
2-Nitrophenol	88-75-5	~	mg/kg	0.39	U	2	U	2	U	2	U	2.1	U	0.4	U	0.46	U	-	-	0.41	U	-	-	0.43	U	-	-	0.42	U	0.4	U	2.1	U	0.42	U
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	mg/kg	0.26	U	1.3	U	1.3	U	1.3	U	1.4	U	0.26	U	0.31	U	-	-	0.034	J	-	-	0.049	J	-	-	0.043	J	0.05	J	1.4	U	0.037	J
3-Nitroaniline	99-09-2	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	0.47	U	2.4	U	2.4	U	2.4	U	2.5	U	0.48	U	0.55	U	-	-	0.49	U	-	-	0.52	U	-	-	0.5	U	0.48	U	2.5	U	0.51	U
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
4-Chloroaniline	106-47-8	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
4-Nitroaniline	100-01-6	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
4-Nitrophenol	100-02-7	~	mg/kg	0.25	U	1.3	U	1.3	U	1.3	U	1.4	U	0.26	U	0.3	U	-	-	0.26	U	-	-	0.28	U	-	-	0.27	U	0.26	U	1.3	U	0.27	U
Acenaphthene	83-32-9	98	mg/kg	0.56		0.35	J	0.54	J	0.4	J	1.5		0.25		0.7		-	-	0.69		-	-	0.83		-	-	0.35		0.67		2.4		0.09	J
Acenaphthylene	208-96-8	107	mg/kg	0.27		0.23	J	0.39	J	0.5	J	0.6	J	0.25		0.55		-	-	0.46		-	-	0.63		-	-	0.2		0.33		2.4		0.23	
Acetophenone	98-86-2	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.032	J	0.96	U	0.2	U
Anthracene	120-12-7	1000	mg/kg	1.5		1		1.5		1		2.1		0.69		2		-	-	2.2		-	-	2.1		-	-	1.1		1		6.2		0.35	
Benzo(a)anthracene	56-55-3	1	mg/kg	**2.8**		**2.5**		**3.9**		**3**		**3.6**		**1.8**		**6**		-	-	**4.8**		-	-	**5.5**		-	-	**2.7**		**2.1**		**11**		**1.5**	
Benzo(a)pyrene	50-32-8	22	mg/kg	2.6		2.6		4		2.9		3.6		1.6		5.9		-	-	5		-	-	5.7		-	-	2.7		2		13		1.8	
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	**3.2**		**2.9**		**4.6**		**3.5**		**4**		**1.9**		**6.8**		-	-	**5.6**		-	-	**6.5**		-	-	**2.9**		**2.4**		**15**		**2.2**	
Benzo(ghi)perylene	191-24-2	1000	mg/kg	1.4		1.4		2.2		1.6		2.1		0.99		3.4		-	-	3.1		-	-	3.5		-	-	1.6		1.2		6.5		1	
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	0.67		0.89		1.5		1.1		1.4		0.71		**2.2**		-	-	**1.9**		-	-	**1.8**		-	-	0.95		0.64		**4.2**		0.58	
Benzoic Acid	65-85-0	~	mg/kg	0.59	U	3	U	3	U	3	U	3.1	U	0.6	U	0.69	U	-	-	0.61	U	-	-	0.65	U	-	-	0.62	U	0.6	U	3.1	U	0.64	U
Benzyl Alcohol	100-51-6	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
Biphenyl	92-52-4	~	mg/kg	0.055	J	2.1	U	2.1	U	2.1	U	0.25	J	0.025	J	0.061	J	-	-	0.07	J	-	-	0.11	J	-	-	0.042	J	0.12	J	0.29	J	0.45	U
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	0.2	U	0.99	U	1	U	0.99	U	1	U	0.2	U	0.23	U	-	-	0.2	U	-	-	0.22	U	-	-	0.21	U	0.2	U	1	U	0.21	U
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	0.16	U	0.83	U	0.83	U	0.82	U	0.87	U	0.16	U	0.19	U	-	-	0.17	U	-	-	0.18	U	-	-	0.17	U	0.17	U	0.86	U	0.18	U
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	0.22	U	1.1	U	1.1	U	1.1	U	1.2	U	0.22	U	0.26	U	-	-	0.23	U	-	-	0.24	U	-	-	0.23	U	0.22	U	1.2	U	0.24	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
Butyl benzyl phthalate	85-68-7	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
Carbazole	86-74-8	~	mg/kg	0.42		0.3	J	0.5	J	0.32	J	0.48	J	0.19		0.52		-	-	0.61		-	-	0.68		-	-	0.29		0.32		1.6		0.11	J
Chrysene	218-01-9	1	mg/kg	**2.7**		**2.5**		**4**		**3**		**3.9**		**1.7**		**5.3**		-	-	**4.8**		-	-	**5.2**		-	-	**2.6**		**2.1**		**11**		**1.5**	
Di-n-butylphthalate	84-74-2	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
Di-n-octylphthalate	117-84-0	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	0.34		0.34	J	0.53	J	0.4	J	0.48	J	0.25		0.73		-	-	0.66		-	-	0.76		-	-	0.38		0.3		1.5		0.23	
Dibenzofuran	132-64-9	210	mg/kg	0.37		0.29	J	0.35	J	0.32	J	1.1		0.15	J	0.44		-	-	0.45		-	-	0.54		-	-	0.23		0.51		2.1		0.056	J
Diethyl phthalate	84-66-2	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
Dimethyl phthalate	131-11-3	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
Fluoranthene	206-44-0	1000	mg/kg	5.5		5.4		8.5		6.1		8.4		3.5		11	E	13		9.6	E	10		10	E	12		5.2		4.6		28		2.7	
Fluorene	86-73-7	386	mg/kg	0.59		0.39	J	0.5	J	0.46	J	1.4		0.26		0.74		-	-	0.8		-	-	0.8		-	-	0.4		0.6		2.9		0.082	J
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.11	U	0.55	U	0.55	U	0.55	U	0.58	U	0.11	U	0.13	U	-	-	0.11	U	-	-	0.12	U	-	-	0.12	U	0.11	U	0.58	U	0.12	U
Hexachlorobutadiene	87-68-3	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	0.52	U	2.6	U	2.6	U	2.6	U	2.8	U	0.52	U	0.61	U	-	-	0.54	U	-	-	0.58	U	-	-	0.55	U	0.53	U	2.7	U	0.56	U
Hexachloroethane	67-72-1	~	mg/kg	0.14	U	0.74	U	0.74	U	0.73	U	0.77	U	0.15	U	0.17	U	-	-	0.15	U	-	-	0.16	U	-	-	0.15	U	0.15	U	0.77	U	0.16	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	1.7		1.5		2.4		1.8		2.2		1.1		3.1		-	-	2.7		-	-	3.1		-	-	1.4		1.2		7.4		1.1	
Isophorone	78-59-1	~	mg/kg	0.16	U	0.83	U	0.83	U	0.82	U	0.87	U	0.16	U	0.19	U	-	-	0.17	U	-	-	0.18	U	-	-	0.17	U	0.17	U	0.86	U	0.18	U
n-Nitrosodi-n-propylamine	621-64-7	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
Naphthalene	91-20-3	12	mg/kg	0.18		0.3	J	0.31	J	0.35	J	1.6		0.19		0.39		-	-	0.32		-	-	0.5		-	-	0.21		0.81		1.6		0.12	J
NDPA/DPA	86-30-6	~	mg/kg	0.14	U	0.74	U	0.74	U	0.73	U	0.77	U	0.15	U	0.17	U	-	-	0.15	U	-	-	0.16	U	-	-	0.15	U	0.15	U	0.77	U	0.16	U
Nitrobenzene	98-95-3	~	mg/kg	0.16	U	0.83	U	0.83	U	0.82	U	0.87	U	0.16	U	0.19	U	-	-	0.17	U	-	-	0.18	U	-	-	0.17	U	0.17	U	0.86	U	0.18	U
p-Chloro-m-cresol	59-50-7	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
Pentachlorophenol	87-86-5	0.8	mg/kg	0.14	U	0.74	U	0.74	U	0.73	U	0.77	U	0.15	U	0.17	U	-	-	0.15	U	-	-	0.16	U	-	-	0.15	U	0.15	U	0.77	U	0.16	U
Phenanthrene	85-01-8	1000	mg/kg	5.1		3.8		5.8		4.6		6.9		2.1		6		-	-	6.8		-	-	7.9		-	-	3.9		3.4		21		1.2	
Phenol	108-95-2	0.33	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.033	J	-	-	0.19	U	0.035	J	0.96	U	0.2	U
Pyrene	129-00-0	1000	mg/kg	4.9		4.7		7.6		5.5		7.4		3		9.5	E	11		8.3	E	9.2		9.8	E	11		4.8		4		24		2.6	
Total Metals																																			
Aluminum, Total	7429-90-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony, Total	7440-36-0	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic, Total	7440-38-2	16	mg/kg	7.21		8.82		6.51		7.16		13.6		7.2		9.23		-	-	8.96		-	-	8.63		-	-	6.38		7.61		14.3		5.66	
Barium, Total	7440-39-3	820	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium, Total	7440-41-7	47	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium, Total	7440-43-9	7.5	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium, Total	7440-70-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium, Total	7440-47-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt, Total	7440-48-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper, Total	7440-50-8	1720	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron, Total	7439-89-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead, Total	7439-92-1	450	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium, Total	7439-95-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese, Total	7439-96-5	2000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury, Total	7439-97-6	0.73	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel, Total	7440-02-0	130	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium, Total	7440-09-7	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium, Total	7782-49-2	4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver, Total	7440-22-4	8.3	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium, Total	7440-23-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium, Total	7440-28-0	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium, Total	7440-62-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc, Total	7440-66-6	2480	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organics by EPA 5035																																			
1,1,1,2-Tetrachloroethane	630-20-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	79-34-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-16-112123		EP-17-113023		EP-18-113023		EP-19-113023		EP-20-113023		EP-21-120123		EP-22-120423		EP-22-120423		EP-23-120423		EP-23-120423		EP-24-120423		EP-24-120423		EP-25-120423		EP-26-121223		EP-27-121223		EP-28-120423	
SAMPLING DATE				11/21/2023		11/30/2023		11/30/2023		11/30/2023		11/30/2023		12/1/2023		12/4/2023		12/4/2023		12/4/2023		12/4/2023		12/4/2023		12/4/2023		12/4/2023		12/12/2023		12/12/2023		12/4/2023	
LAB SAMPLE ID				L2369270-01		L2370550-01		L2370550-02		L2370550-03		L2370550-04		L2371003-01		L2371219-01		L2371219-01 R1		L2371219-03		L2371219-03 R1		L2371219-04		L2371219-04 R1		L2371219-02		L2373251-06		L2373251-07		L2371219-17	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																			
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1,2-Trichloroethane	79-00-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	75-34-3	0.27	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	75-35-4	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropene	563-58-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	87-61-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	96-18-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene	95-93-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane	96-12-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane	106-93-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	107-06-2	0.02	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene, Total	540-59-0	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	78-87-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropane	142-28-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropene, Total	542-75-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	594-20-7	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone	78-93-3	0.12	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	591-78-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	108-10-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	67-64-1	0.05	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile	107-13-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	71-43-2	0.06	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene	108-86-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromochloromethane	74-97-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	75-27-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	75-25-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromomethane	74-83-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	75-15-0	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	56-23-5	0.76	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	108-90-7	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	75-00-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	67-66-3	0.37	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloromethane	74-87-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	10061-01-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	124-48-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane	74-95-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane	75-71-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl ether	60-29-7	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	100-41-4	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	87-68-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene	98-82-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	75-09-2	0.05	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene	104-51-8	12	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	103-65-1	3.9	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	91-20-3	12	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Chlorotoluene	95-49-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	95-47-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Chlorotoluene	106-43-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Diethylbenzene	105-05-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Ethyltoluene	622-96-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Isopropyltoluene	99-87-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p/m-Xylene	179601-23-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	135-98-8	11	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	100-42-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	98-06-6	5.9	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	127-18-4	1.3	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	108-88-3	0.7	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	10061-02-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	110-57-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	79-01-6	0.47	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane	75-69-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl acetate	108-05-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	75-01-4	0.02	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes, Total	1330-20-7	1.6	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* Comparison is not performed on parameters with non-numeric criteria.
Exceedances are in Bold
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-29-120523		EP-30-120423		EP-31-103023		EP-32-103123		EP-33-110123		EP-33-110123		EP-34-110223		EP-34-110223		EP-35-110323		EP-36-111023		EP-36-111023		EP-37-111323		EP-38-111523		EP-39-111523		EP-40	
SAMPLING DATE				12/5/2023		12/4/2023		10/30/2023		10/31/2023		11/1/2023		11/1/2023		11/2/2023		11/2/2023		11/3/2023		11/10/2023		11/10/2023		11/13/2023		11/15/2023		11/15/2023		11/17/2023	
LAB SAMPLE ID				L2371540-07		L2371219-20		L2364298-01		L2364557-02		L2364895-01		L2364895-01 R1		L2365118-01		L2365118-01 R1		L2365622-01		L2367176-09		L2367176-09 R1		L2367392-01		L2367903-04		L2367903-03		L2368694-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																																	
Chromium, Hexavalent	18540-29-9	19	mg/kg	0.886	U	0.25	J	0.899	U	0.912	U	0.208	J	-	-	0.246	J	-	-	0.862	U	0.86	U	-	-	0.863	U	0.868	U	0.87	U	0.19	J
Cyanide, Total	57-12-5	40	mg/kg	-	-	0.25	J	1	U	1.1	U	0.31	J	-	-	1.3	U	-	-	1	U	1	U	-	-	0.27	J	1	U	1	U	1	U
Solids, Total	NONE	~	%	90.3		88		89		87.7		86.6		-	-	73.3		-	-	92.8		93		-	-	92.7		92.2		91.9		94.5	
Organochlorine Pesticides by GC																																	
4,4'-DDD	72-54-8	14	mg/kg	-	-	0.00897		0.00225		0.0156	P	0.00891		-	-	0.0573		-	-	0.0101	P	0.00977	IP	-	-	0.0264		0.0187	IP	0.00589		0.00166	U
4,4'-DDE	72-55-9	17	mg/kg	-	-	0.0169		0.000891	JIP	0.00425	P	0.00416	IP	-	-	0.0259		-	-	0.00412	P	0.00187	IP	-	-	0.00232		0.00294	IP	0.0013	J	0.00166	U
4,4'-DDT	50-29-3	136	mg/kg	-	-	0.011		0.00173	U	0.006	P	0.0103		-	-	0.0236		-	-	0.0022	P	0.00339	IP	-	-	0.0015	J	0.0039	IP	0.00168	U	0.00166	U
Aldrin	309-00-2	0.19	mg/kg	-	-	0.00163	J	0.00173	U	0.00178	U	0.00181	U	-	-	0.00212	U	-	-	0.00167	U	0.00165	U	-	-	0.00171	U	0.00164	U	0.00168	U	0.00166	U
Alpha-BHC	319-84-6	0.02	mg/kg	-	-	0.000746	U	0.000721	U	0.000744	U	0.000753	U	-	-	0.000884	U	-	-	0.000694	U	0.000689	U	-	-	0.000711	U	0.000686	U	0.000698	U	0.000694	U
Beta-BHC	319-85-7	0.09	mg/kg	-	-	0.00179	U	0.00173	U	0.00178	U	0.00181	U	-	-	0.00212	U	-	-	0.00167	U	0.00165	U	-	-	0.00171	U	0.00164	U	0.00168	U	0.00166	U
Chlordane	57-74-9	~	mg/kg	-	-	0.0906		0.0144	U	0.0149	U	0.0151	U	-	-	0.0177	U	-	-	0.0139	U	0.0138	U	-	-	0.0142	U	0.0137	U	0.014	U	0.0139	U
cis-Chlordane	5103-71-9	2.9	mg/kg	-	-	0.0064	IP	0.00216	U	0.00268	P	0.00226	U	-	-	0.00704		-	-	0.00208	U	0.00207	U	-	-	0.00132	J	0.000843	JIP	0.00209	U	0.00208	U
Delta-BHC	319-86-8	0.25	mg/kg	-	-	0.00179	U	0.00173	U	0.00178	U	0.00181	U	-	-	0.00212	U	-	-	0.00167	U	0.00165	U	-	-	0.00171	U	0.00164	U	0.00168	U	0.00166	U
Dieldrin	60-57-1	0.1	mg/kg	-	-	0.00327		0.00108	U	0.00112	U	0.00113	U	-	-	0.00133	U	-	-	0.00104	U	0.00103	U	-	-	0.00107	U	0.00103	U	0.00105	U	0.00104	U
Endosulfan I	959-98-8	102	mg/kg	-	-	0.00179	U	0.00173	U	0.00178	U	0.00181	U	-	-	0.00212	U	-	-	0.00167	U	0.00165	U	-	-	0.00171	U	0.00164	U	0.00168	U	0.00166	U
Endosulfan II	33213-65-9	102	mg/kg	-	-	0.00179	U	0.00173	U	0.00178	U	0.00181	U	-	-	0.00212	U	-	-	0.00167	U	0.00165	U	-	-	0.00171	U	0.00164	U	0.00168	U	0.00166	U
Endosulfan sulfate	1031-07-8	1000	mg/kg	-	-	0.000746	U	0.000721	U	0.000744	U	0.000753	U	-	-	0.000884	U	-	-	0.000694	U	0.000689	U	-	-	0.000711	U	0.000686	U	0.000698	U	0.000694	U
Endrin	72-20-8	0.06	mg/kg	-	-	0.000746	U	0.000721	U	0.000744	U	0.000753	U	-	-	0.000884	U	-	-	0.000694	U	0.000689	U	-	-	0.000711	U	0.000686	U	0.000698	U	0.000694	U
Endrin aldehyde	7421-93-4	~	mg/kg	-	-	0.00224	U	0.00216	U	0.00223	U	0.00226	U	-	-	0.00265	U	-	-	0.00208	U	0.00207	U	-	-	0.00213	U	0.00206	U	0.00209	U	0.00208	U
Endrin ketone	53494-70-5	~	mg/kg	-	-	0.00179	U	0.00173	U	0.00178	U	0.00181	U	-	-	0.00212	U	-	-	0.00167	U	0.00165	U	-	-	0.00171	U	0.00164	U	0.00168	U	0.00166	U
Heptachlor	76-44-8	0.38	mg/kg	-	-	0.00106		0.000865	U	0.000892	U	0.000904	U	-	-	0.00106	U	-	-	0.000833	U	0.000826	U	-	-	0.000853	U	0.000823	U	0.000838	U	0.000833	U
Heptachlor epoxide	1024-57-3	~	mg/kg	-	-	0.00336	U	0.00324	U	0.00335	U	0.00339	U	-	-	0.00398	U	-	-	0.00312	U	0.0031	U	-	-	0.0032	U	0.00308	U	0.00314	U	0.00312	U
Lindane	58-89-9	0.1	mg/kg	-	-	0.000746	U	0.000721	U	0.000744	U	0.000753	U	-	-	0.000884	U	-	-	0.000694	U	0.000689	U	-	-	0.000711	U	0.000686	U	0.000698	U	0.000694	U
Methoxychlor	72-43-5	~	mg/kg	-	-	0.00336	U	0.00324	U	0.00335	U	0.00339	U	-	-	0.00398	U	-	-	0.00312	U	0.0031	U	-	-	0.0032	U	0.00308	U	0.00314	U	0.00312	U
Toxaphene	8001-35-2	~	mg/kg	-	-	0.0336	U	0.0324	U	0.0335	U	0.0339	U	-	-	0.0398	U	-	-	0.0312	U	0.031	U	-	-	0.032	U	0.0308	U	0.0314	U	0.0312	U
trans-Chlordane	5103-74-2	~	mg/kg	-	-	0.0124		0.00216	U	0.00284		0.00226	U	-	-	0.00654		-	-	0.00208	U	0.00207	U	-	-	0.00162	JIP	0.00165	JIP	0.00209	U	0.00208	U
Perfluorinated Alkyl Acids by EPA 1633																																	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4	~	mg/kg	-	-	0.000774	U	0.000791	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2	27619-97-2	~	mg/kg	-	-	0.000774	U	0.000791	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	2991-50-6	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Ac	2355-31-9	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	-	-	0.000774	U	0.000791	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	-	-	0.000434		0.000286		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	-	-	0.000194	U	0.000121	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	-	-	0.000387	U	0.000396	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFOA/PFOS, Total	null	~	mg/kg	-	-	0.000434		0.000407	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC																																	
Aroclor 1016	12674-11-2	3.2	mg/kg	-	-	0.0563	U	0.0534	U	0.0544	U	0.0565	U	-	-	0.063	U	-	-	0.0515	U	0.0528	U	-	-	0.051	U	0.05	U	0.0526	U	0.0505	U
Aroclor 1221	11104-28-2	3.2	mg/kg	-	-	0.0563	U	0.0534	U	0.0544	U	0.0565	U	-	-	0.063	U	-	-	0.0515	U	0.0528	U	-	-	0.051	U	0.05	U	0.0526	U	0.0505	U
Aroclor 1232	11141-16-5	3.2	mg/kg	-	-	0.0563	U	0.0534	U	0.0544	U	0.0565	U	-	-	0.063	U	-	-	0.0515	U	0.0528	U	-	-	0.051	U	0.05	U	0.0526	U	0.0505	U
Aroclor 1242	53469-21-9	3.2	mg/kg	-	-	0.0563	U	0.0534	U	0.0544	U	0.0565	U	-	-	0.054	J	-	-	0.0515	U	0.0528	U	-	-	0.051	U	0.05	U	0.0526	U	0.0505	U
Aroclor 1248	12672-29-6	3.2	mg/kg	-	-	0.0563	U	0.0534	U	0.0544	U	0.0565	U	-	-	0.063	U	-	-	0.0515	U	0.0528	U	-	-	0.051	U	0.05	U	0.0526	U	0.0505	U
Aroclor 1254	11097-69-1	3.2	mg/kg	-	-	0.0198	J	0.0152	J	0.038	J	0.0781		-	-	0.063	U	-	-	0.0116	J	0.0119	J	-	-	0.051	U	0.0282	J	0.00689	J	0.0285	J
Aroclor 1260	11096-82-5	3.2	mg/kg	-	-	0.0563	U	0.0155	J	0.014	J	0.0363	J	-	-	0.0196	J	-	-	0.0515	U	0.0528	U	-	-	0.051	U	0.016	J	0.0526	U	0.0164	J
Aroclor 1262	37324-23-5	3.2	mg/kg	-	-	0.0563	U	0.0534	U	0.0544	U	0.0565	U	-	-	0.063	U	-	-	0.0515	U	0.0528	U	-	-	0.051	U	0.05	U	0.0526	U	0.0505	U
Aroclor 1268	11100-14-4	3.2	mg/kg	-	-	0.0563	U	0.00583	J	0.00628	J	0.0406	J	-	-	0.0145	J	-	-	0.0515	U	0.0528	U	-	-	0.051	U	0.0117	J	0.0526	U	0.0084	J
PCBs, Total	1336-36-3	3.2	mg/kg	-	-	0.0198	J	0.0365	J	0.0583	J	0.155	J	-	-	0.0881	J	-	-	0.0116	J	0.0119	J	-	-	0.051	U	0.0559	J	0.00689	J	0.0533	J
Semivolatile Organics by GC/MS																																	
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.14	U	0.14	U	0.028	U	0.028	U	0.028	U	-	-	0.034	U	-	-	0.026	U	0.026	U	-	-	0.027	U	0.027	U	0.027	U	0.13	U
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	0.55	U	0.56	U	0.11	U	0.11	U	0.11	U	-	-	0.13	U	-	-	0.1	U	0.1	U	-	-	0.11	U	0.11	U	0.11	U	0.52	U
2,4-Dichlorophenol	120-83-2	~	mg/kg	0.83	U	0.84	U	0.17	U	0.17	U	0.17	U	-	-	0.2	U	-	-	0.16	U	0.16	U	-	-	0.16	U	0.16	U	0.16	U	0.78	U
2,4-Dimethylphenol	105-67-9	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
2,4-Dinitrophenol	51-28-5	~	mg/kg	4.4	U	4.5	U	0.88	U	0.89	U	0.9	U	-	-	1.1	U	-	-	0.84	U	0.84	U	-	-	0.86	U	0.86	U	0.86	U	4.2	U
2,4-Dinitrotoluene	121-14-2	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
2,6-Dinitrotoluene	606-20-2	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
2-Chloronaphthalene	91-58-7	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
2-Chlorophenol	95-57-8	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
2-Methylnaphthalene	91-57-6	~	mg/kg	0.13	J	1.1	U	0.36		0.12	J	0.12	J	-	-	0.49		-	-	0.12	J	0.095	J	-	-	0.031	J	0.22		0.13	J	0.5	J
2-Methylphenol	95-48-7	0.33	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-29-120523		EP-30-120423		EP-31-103023		EP-32-103123		EP-33-110123		EP-33-110123		EP-34-110223		EP-34-110223		EP-35-110323		EP-36-111023		EP-36-111023		EP-37-111323		EP-38-111523		EP-39-111523		EP-40	
SAMPLING DATE				12/5/2023		12/4/2023		10/30/2023		10/31/2023		11/1/2023		11/1/2023		11/2/2023		11/2/2023		11/3/2023		11/10/2023		11/10/2023		11/13/2023		11/15/2023		11/15/2023		11/17/2023	
LAB SAMPLE ID				L2371540-07		L2371219-20		L2364298-01		L2364557-02		L2364895-01		L2364895-01 R1		L2365118-01		L2365118-01 R1		L2365622-01		L2367176-09		L2367176-09 R1		L2367392-01		L2367903-04		L2367903-03		L2368694-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Nitroaniline	88-74-4	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
2-Nitrophenol	88-75-5	~	mg/kg	2	U	2	U	0.4	U	0.4	U	0.4	U	-	-	0.48	U	-	-	0.38	U	0.38	U	-	-	0.38	U	0.39	U	0.39	U	1.9	U
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	mg/kg	1.3	U	1.3	U	0.032	J	0.048	J	0.03	J	-	-	0.092	J	-	-	0.032	J	0.25	U	-	-	0.26	U	0.26	U	0.26	U	1.2	U
3-Nitroaniline	99-09-2	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	2.4	U	2.4	U	0.48	U	0.48	U	0.49	U	-	-	0.58	U	-	-	0.46	U	0.46	U	-	-	0.46	U	0.47	U	0.47	U	2.3	U
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
4-Chloroaniline	106-47-8	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
4-Nitroaniline	100-01-6	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.15	J	0.18	U	0.87	U
4-Nitrophenol	100-02-7	~	mg/kg	1.3	U	1.3	U	0.26	U	0.26	U	0.26	U	-	-	0.31	U	-	-	0.24	U	0.25	U	-	-	0.25	U	0.25	U	0.25	U	1.2	U
Acenaphthene	83-32-9	98	mg/kg	0.17	J	0.75	U	0.33		0.65		0.42		-	-	0.88		-	-	0.35		0.91		-	-	0.17		0.56		0.44		1.5	
Acenaphthylene	208-96-8	107	mg/kg	0.41	J	0.75	U	0.42		0.5		0.61		-	-	1.4		-	-	0.22		0.42		-	-	0.12	J	0.41		0.36		0.96	
Acetophenone	98-86-2	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
Anthracene	120-12-7	1000	mg/kg	0.58		0.56	U	1		1.7		1.3		-	-	3.3		-	-	0.8		3.1		-	-	0.42		1.4		1.1		4.8	
Benzo(a)anthracene	56-55-3	1	mg/kg	**1.6**		0.52	J	**2.9**		**3.8**		**4**		-	-	**6.9**		-	-	**2**		**7.3**	E	**8.5**		**1.2**		**3.4**		**2.6**		**8.1**	
Benzo(a)pyrene	50-32-8	22	mg/kg	2.1		0.55	J	2.5		3.8		4.2		-	-	6.7		-	-	2		7.4	E	8.5		1.2		3.3		2.6		8.4	
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	**2.3**		0.67		**2.8**		**4.6**		**4.8**		-	-	**7.4**		-	-	**2.2**		**8.8**	E	**10**		1.5		**4**		**3.1**		**9.3**	
Benzo(ghi)perylene	191-24-2	1000	mg/kg	1.7		0.32	J	1.4		2.4		2.5		-	-	4.1		-	-	1.2		3.8		-	-	0.66		1.9		1.5		4.5	
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	0.74		0.17	J	1.1		1.4		1.4		-	-	**2.9**		-	-	0.83		**2.6**		-	-	0.4		1.1		0.97		**2.4**	
Benzoic Acid	65-85-0	~	mg/kg	3	U	3	U	0.6	U	0.6	U	0.61	U	-	-	0.73	U	-	-	0.57	U	0.57	U	-	-	0.58	U	0.58	U	0.58	U	2.8	U
Benzyl Alcohol	100-51-6	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
Biphenyl	92-52-4	~	mg/kg	2.1	U	2.1	U	0.078	J	0.056	J	0.042	J	-	-	0.16	J	-	-	0.033	J	0.04	J	-	-	0.41	U	0.058	J	0.048	J	0.18	J
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	0.99	U	1	U	0.2	U	0.2	U	0.2	U	-	-	0.24	U	-	-	0.19	U	0.19	U	-	-	0.19	U	0.19	U	0.19	U	0.94	U
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	0.83	U	0.84	U	0.17	U	0.17	U	0.17	U	-	-	0.2	U	-	-	0.16	U	0.16	U	-	-	0.16	U	0.16	U	0.16	U	0.78	U
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	1.1	U	1.1	U	0.22	U	0.22	U	0.22	U	-	-	0.27	U	-	-	0.21	U	0.21	U	-	-	0.21	U	0.22	U	0.22	U	1	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.1	J	0.18	U	0.87	U
Butyl benzyl phthalate	85-68-7	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
Carbazole	86-74-8	~	mg/kg	0.18	J	0.93	U	0.36		0.67		0.44		-	-	0.9		-	-	0.3		0.67		-	-	0.11	J	0.39		0.25		0.74	J
Chrysene	218-01-9	1	mg/kg	**1.6**		0.51	J	**2.9**		**4**		**3.8**		-	-	**6.4**		-	-	**2.1**		**7**	E	**8.7**		**1.3**		**3.4**		**2.8**		**8.3**	
Di-n-butylphthalate	84-74-2	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
Di-n-octylphthalate	117-84-0	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	0.42	J	0.56	U	0.36		0.59		0.55		-	-	0.88		-	-	0.29		1.1		-	-	0.14		0.47		0.38		1.3	
Dibenzofuran	132-64-9	210	mg/kg	0.12	J	0.93	U	0.28		0.41		0.21		-	-	0.88		-	-	0.21		0.96		-	-	0.091	J	0.46		0.36		0.95	
Diethyl phthalate	84-66-2	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
Dimethyl phthalate	131-11-3	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
Fluoranthene	206-44-0	1000	mg/kg	3.3		1.1		5.3		6.4		7.6	E	8.3		15	E	14		3.4		12	E	18		1.7		4.4		5		18	
Fluorene	86-73-7	386	mg/kg	0.21	J	0.93	U	0.34		0.69		0.4		-	-	1.5		-	-	0.35		1.3		-	-	0.11	J	0.46		0.3		1.9	
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.55	U	0.56	U	0.11	U	0.11	U	0.11	U	-	-	0.13	U	-	-	0.1	U	0.1	U	-	-	0.11	U	0.11	U	0.11	U	0.52	U
Hexachlorobutadiene	87-68-3	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	2.6	U	2.7	U	0.53	U	0.53	U	0.54	U	-	-	0.64	U	-	-	0.5	U	0.5	U	-	-	0.51	U	0.52	U	0.51	U	2.5	U
Hexachloroethane	67-72-1	~	mg/kg	0.74	U	0.75	U	0.15	U	0.15	U	0.15	U	-	-	0.18	U	-	-	0.14	U	0.14	U	-	-	0.14	U	0.14	U	0.14	U	0.7	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	1.5		0.32	J	1.6		2.7		2.7		-	-	3.6		-	-	1.3		3.6		-	-	0.72		2.2		1.7		4	
Isophorone	78-59-1	~	mg/kg	0.83	U	0.84	U	0.17	U	0.17	U	0.17	U	-	-	0.2	U	-	-	0.16	U	0.16	U	-	-	0.16	U	0.16	U	0.16	U	0.78	U
n-Nitrosodi-n-propylamine	621-64-7	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
Naphthalene	91-20-3	12	mg/kg	0.19	J	0.93	U	0.5		0.24		0.24		-	-	0.94		-	-	0.31		0.32		-	-	0.067	J	0.58		0.27		0.74	J
NDPA/DPA	86-30-6	~	mg/kg	0.74	U	0.75	U	0.15	U	0.15	U	0.15	U	-	-	0.18	U	-	-	0.14	U	0.14	U	-	-	0.14	U	0.14	U	0.14	U	0.7	U
Nitrobenzene	98-95-3	~	mg/kg	0.83	U	0.84	U	0.17	U	0.17	U	0.17	U	-	-	0.2	U	-	-	0.16	U	0.16	U	-	-	0.16	U	0.16	U	0.16	U	0.78	U
p-Chloro-m-cresol	59-50-7	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
Pentachlorophenol	87-86-5	0.8	mg/kg	0.74	U	0.75	U	0.15	U	0.15	U	0.15	U	-	-	0.18	U	-	-	0.14	U	0.14	U	-	-	0.14	U	0.14	U	0.14	U	0.7	U
Phenanthrene	85-01-8	1000	mg/kg	2.3		0.57		4.4		5.9		5		-	-	12	E	10		3		8.1	E	10		1.6		3.9		2.6		16	
Phenol	108-95-2	0.33	mg/kg	0.92	U	0.93	U	0.18	U	0.029	J	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
Pyrene	129-00-0	1000	mg/kg	2.7		0.96		5.2		5.8		7.2		-	-	13	E	12		3.3		10	E	15		2.4		5.8		4.9		18	
Total Metals																																	
Aluminum, Total	7429-90-5	~	mg/kg	-	-	4540		5430		4470		4850		-	-	6700		-	-	3840		4260		-	-	6260		5370		4670		4360	
Antimony, Total	7440-36-0	~	mg/kg	-	-	4.39	U	1.33	J	2.1	J	2.31	J	-	-	15		-	-	1.61	J	3.12	J	-	-	0.623	J	19		1.36	J	1.43	J
Arsenic, Total	7440-38-2	16	mg/kg	4.28		7.51		7.96		7.52		5.21		-	-	10.8		-	-	4.14		7.17		-	-	4.78		6.08		3.57		5.62	
Barium, Total	7440-39-3	820	mg/kg	-	-	86.2		102		271		206		-	-	361		-	-	128		156		-	-	162		277		117		283	
Beryllium, Total	7440-41-7	47	mg/kg	-	-	0.042	J	0.396	J	0.307	J	0.395	J	-	-	0.607		-	-	0.256	J	0.281	J	-	-	0.373	J	0.534		0.515		0.298	J
Cadmium, Total	7440-43-9	7.5	mg/kg	-	-	0.432	J	0.647	J	0.505	J	0.523	J	-	-	0.8	J	-	-	0.301	J	0.26	J	-	-	0.232	J	0.652	J	0.329	J	0.518	J
Calcium, Total	7440-70-2	~	mg/kg	-	-	35500		11400		13100		41900		-	-	22500		-	-	8240		9560		-	-	6570		9180		6060		13000	
Chromium, Total	7440-47-3	~	mg/kg	-	-	13		26.2		13.1		13.9		-	-	18.7		-	-	11.6		14		-	-	17.6		16.4		14.1		15.9	
Cobalt, Total	7440-48-4	~	mg/kg	-	-	3.7		7.02		5.1		5.41		-	-	8.42		-	-	4.14		4.96		-	-	5.43		6.25		5.76		5.17	
Copper, Total	7440-50-8	1720	mg/kg	-	-	28.3		50.8		36.8		35.1		-	-	61.8		-	-	27.7		23.1		-	-	33.2		35.4		43.9		56.9	
Iron, Total	7439-89-6	~	mg/kg	-	-	10500		27800		11700		11700		-	-	17700		-	-	10200		10700		-	-	12400		13800		11600		13600	
Lead, Total	7439-92-1	450	mg/kg	-	-	140		217		**531**		323		-	-	**736**		-	-	275		358		-	-	251		**631**		174		**499**	
Magnesium, Total	7439-95-4	~	mg/kg	-	-	7180		5820		3050		19800		-	-	4990		-	-	3320		3010		-	-	3020		3370		4040		4250	
Manganese, Total	7439-96-5	2000	mg/kg	-	-	188		299		196		246		-	-	256		-	-	174		155		-	-	226		220		188		200	
Mercury, Total	7439-97-6	0.73	mg/kg	-	-	0.199		0.343		0.656		0.445		-	-	**0.972**		-	-	0.328		0.442		-	-	0.376		0.572		0.433		0.708	
Nickel, Total	7440-02-0	130	mg/kg	-	-	13.3		42.1		24.6		27.4		-	-	36.2		-	-	25.5		33.5		-	-	32.3		38.6		30.4		32.5	
Potassium, Total	7440-09-7	~	mg/kg	-	-	664		959		885		895		-	-	1280		-	-	858		854		-	-	1120		1040		1210		946	
Selenium, Total	7782-49-2	4	mg/kg	-	-	1.76	U	0.815	J	0.386	J	1.79	U	-	-	2.14	U	-	-	0.536	J	0.223	J	-	-	0.288	J	1.65	U	1.68	U	0.435	J
Silver, Total	7440-22-4	8.3	mg/kg	-	-	0.439	U	0.425	U	0.438	U	0.448	U	-	-	0.535	U	-	-	0.413	U	0.3	J	-	-	0.421	U	0.413	U	0.421	U	0.408	U
Sodium, Total	7440-23-5	~	mg/kg	-	-	140	J	140	J	226		285		-	-	318		-	-	132	J	290		-	-	273		250		234		396	
Thallium, Total	7440-28-0	~	mg/kg	-	-	0.453	J	0.512	J	0.497	J	1.79	U	-	-	0.354	J	-	-	0.457	J	0.797	J	-	-	1.06	J	1.65	U	1.68	U	0.523	J
Vanadium, Total	7440-62-2	~	mg/kg	-	-	19.4		19.8		19.8		16.6		-	-	30.8		-	-	16.1		19		-	-	20.6		19.3		17.4		19.8	
Zinc, Total	7440-66-6	2480	mg/kg	-	-	107		220		316		299		-	-	450		-	-	168		186		-	-	149		274		138		292	
Volatile Organics by EPA 5035																																	
1,1,1,2-Tetrachloroethane	630-20-6	~	mg/kg	-	-	0.0006	U	0.00058	U	0.00057	U	0.0006	U	-	-	0.00078	U	-	-	0.00053	U	0.0005	U	-	-	0.0005	U	0.00056	U	0.00057	U	0.0006	U
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	-	-	0.0006	U	0.00058	U	0.00057	U	0.0006	U	-	-	0.00078	U	-	-	0.00053	U	0.0005	U	-	-	0.0005	U	0.00056	U	0.00057	U	0.0006	U
1,1,2,2-Tetrachloroethane	79-34-5	~	mg/kg	-	-	0.0006	U	0.00058	U	0.00057	U	0.0006	U	-	-	0.00078	U	-	-	0.00053	U	0.0005	U	-	-	0.0005	U	0.00056	U	0.00057	U	0.0006	U

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-29-120523		EP-30-120423		EP-31-103023		EP-32-103123		EP-33-110123		EP-33-110123		EP-34-110223		EP-34-110223		EP-35-110323		EP-36-111023		EP-36-111023		EP-37-111323		EP-38-111523		EP-39-111523		EP-40	
SAMPLING DATE				12/5/2023		12/4/2023		10/30/2023		10/31/2023		11/1/2023		11/1/2023		11/2/2023		11/2/2023		11/3/2023		11/10/2023		11/10/2023		11/13/2023		11/15/2023		11/15/2023		11/17/2023	
LAB SAMPLE ID				L2371540-07		L2371219-20		L2364298-01		L2364557-02		L2364895-01		L2364895-01 R1		L2365118-01		L2365118-01 R1		L2365622-01		L2367176-09		L2367176-09 R1		L2367392-01		L2367903-04		L2367903-03		L2368694-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1,2-Trichloroethane	79-00-5	~	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
1,1-Dichloroethane	75-34-3	0.27	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
1,1-Dichloroethene	75-35-4	0.33	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
1,1-Dichloropropene	563-58-6	~	mg/kg	-	-	0.0006	U	0.00058	U	0.00057	U	0.0006	U	-	-	0.00078	U	-	-	0.00053	U	0.0005	U	-	-	0.0005	U	0.00056	U	0.00057	U	0.0006	U
1,2,3-Trichlorobenzene	87-61-6	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
1,2,3-Trichloropropane	96-18-4	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	mg/kg	-	-	0.0024	U	0.0003	J	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.0023		0.0022	U	0.0023	U	0.00046	J
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0008	J
1,2-Dibromo-3-chloropropane	96-12-8	~	mg/kg	-	-	0.0036	U	0.0035	U	0.0034	U	0.0036	U	-	-	0.0047	U	-	-	0.0032	U	0.003	U	-	-	0.003	U	0.0033	U	0.0034	U	0.0036	U
1,2-Dibromoethane	106-93-4	~	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
1,2-Dichloroethane	107-06-2	0.02	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
1,2-Dichloroethene, Total	540-59-0	~	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0094	J	0.0052	J	0.0023	
1,2-Dichloropropane	78-87-5	~	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
1,3-Dichloropropane	142-28-9	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
1,3-Dichloropropene, Total	542-75-6	~	mg/kg	-	-	0.0006	U	0.00058	U	0.00057	U	0.0006	U	-	-	0.00078	U	-	-	0.00053	U	0.0005	U	-	-	0.0005	U	0.00056	U	0.00057	U	0.0006	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	0.096	U	0.092	U	0.091	U	0.096	U	-	-	0.12	U	-	-	0.085	U	0.08	U	-	-	0.079	U	0.089	U	0.091	U	0.097	U
2,2-Dichloropropane	594-20-7	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
2-Butanone	78-93-3	0.12	mg/kg	-	-	0.012	U	0.012	U	0.011	U	0.012	U	-	-	0.016	U	-	-	0.0043	J	0.01	U	-	-	0.0099	U	0.011	U	0.011	U	0.012	U
2-Hexanone	591-78-6	~	mg/kg	-	-	0.012	U	0.012	U	0.011	U	0.012	U	-	-	0.016	U	-	-	0.011	U	0.01	U	-	-	0.0099	U	0.011	U	0.011	U	0.012	U
4-Methyl-2-pentanone	108-10-1	~	mg/kg	-	-	0.012	U	0.012	U	0.011	U	0.012	U	-	-	0.016	U	-	-	0.011	U	0.01	U	-	-	0.0099	U	0.011	U	0.011	U	0.012	U
Acetone	67-64-1	0.05	mg/kg	-	-	0.012	U	0.012	U	0.014		0.012	U	-	-	0.016	U	-	-	0.036		0.01	U	-	-	0.0099	U	0.011	U	0.013		0.011	J
Acrylonitrile	107-13-1	~	mg/kg	-	-	0.0048	U	0.0046	U	0.0046	U	0.0048	U	-	-	0.0062	U	-	-	0.0042	U	0.004	U	-	-	0.004	U	0.0045	U	0.0046	U	0.0048	U
Benzene	71-43-2	0.06	mg/kg	-	-	0.0006	U	0.00058	U	0.00057	U	0.0006	U	-	-	0.00078	U	-	-	0.00053	U	0.0005	U	-	-	0.0005	U	0.00056	U	0.00057	U	0.0006	U
Bromobenzene	108-86-1	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
Bromochloromethane	74-97-5	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
Bromodichloromethane	75-27-4	~	mg/kg	-	-	0.0006	U	0.00058	U	0.00057	U	0.0006	U	-	-	0.00078	U	-	-	0.00053	U	0.0005	U	-	-	0.0005	U	0.00056	U	0.00057	U	0.0006	U
Bromoform	75-25-2	~	mg/kg	-	-	0.0048	U	0.0046	U	0.0046	U	0.0048	U	-	-	0.0062	U	-	-	0.0042	U	0.004	U	-	-	0.004	U	0.0045	U	0.0046	U	0.0048	U
Bromomethane	74-83-9	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
Carbon disulfide	75-15-0	~	mg/kg	-	-	0.012	U	0.012	U	0.011	U	0.012	U	-	-	0.016	U	-	-	0.011	U	0.01	U	-	-	0.0099	U	0.011	U	0.011	U	0.012	U
Carbon tetrachloride	56-23-5	0.76	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
Chlorobenzene	108-90-7	1.1	mg/kg	-	-	0.0006	U	0.00058	U	0.00057	U	0.0006	U	-	-	0.00078	U	-	-	0.00053	U	0.0005	U	-	-	0.0005	U	0.00056	U	0.00057	U	0.0006	U
Chloroethane	75-00-3	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
Chloroform	67-66-3	0.37	mg/kg	-	-	0.0018	U	0.0017	U	0.0017	U	0.0018	U	-	-	0.0023	U	-	-	0.0016	U	0.0015	U	-	-	0.0015	U	0.0017	U	0.0017	U	0.0018	U
Chloromethane	74-87-3	~	mg/kg	-	-	0.0048	U	0.0046	U	0.0046	U	0.0048	U	-	-	0.0062	U	-	-	0.0042	U	0.004	U	-	-	0.004	U	0.0045	U	0.0046	U	0.0048	U
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.009		0.0047		0.0023	
cis-1,3-Dichloropropene	10061-01-5	~	mg/kg	-	-	0.0006	U	0.00058	U	0.00057	U	0.0006	U	-	-	0.00078	U	-	-	0.00053	U	0.0005	U	-	-	0.0005	U	0.00056	U	0.00057	U	0.0006	U
Dibromochloromethane	124-48-1	~	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
Dibromomethane	74-95-3	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
Dichlorodifluoromethane	75-71-8	~	mg/kg	-	-	0.012	U	0.012	U	0.011	U	0.012	U	-	-	0.016	U	-	-	0.011	U	0.01	U	-	-	0.0099	U	0.011	U	0.011	U	0.012	U
Ethyl ether	60-29-7	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
Ethylbenzene	100-41-4	1	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
Hexachlorobutadiene	87-68-3	~	mg/kg	-	-	0.0048	U	0.0046	U	0.0046	U	0.0048	U	-	-	0.0062	U	-	-	0.0042	U	0.004	U	-	-	0.004	U	0.0045	U	0.0046	U	0.0048	U
Isopropylbenzene	98-82-8	~	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
Methylene chloride	75-09-2	0.05	mg/kg	-	-	0.006	U	0.0058	U	0.0057	U	0.006	U	-	-	0.0078	U	-	-	0.0053	U	0.005	U	-	-	0.005	U	0.0056	U	0.0057	U	0.006	U
n-Butylbenzene	104-51-8	12	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
n-Propylbenzene	103-65-1	3.9	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
Naphthalene	91-20-3	12	mg/kg	-	-	0.0048	U	0.0046	U	0.0031	J	0.001	J	-	-	0.0062	U	-	-	0.0018	J	0.004	U	-	-	0.00087	J	0.0017	J	0.0046	U	0.0051	
o-Chlorotoluene	95-49-8	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
o-Xylene	95-47-6	~	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.00044	J
p-Chlorotoluene	106-43-4	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
p-Diethylbenzene	105-05-5	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.00028	J	0.0022	U	0.0023	U	0.00065	J
p-Ethyltoluene	622-96-8	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0007	J
p-Isopropyltoluene	99-87-6	~	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.046	
p/m-Xylene	179601-23-1	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
sec-Butylbenzene	135-98-8	11	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00017	J	0.0011	U	0.0011	U	0.0012	U
Styrene	100-42-5	~	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
tert-Butylbenzene	98-06-6	5.9	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.00012	J	0.0022	U	0.0023	U	0.0024	U
Tetrachloroethene	127-18-4	1.3	mg/kg	-	-	0.0006	U	0.00058	U	0.00057	U	0.0006	U	-	-	0.00078	U	-	-	0.00053	U	0.0005	U	-	-	0.0005	U	0.00056	U	0.00057	U	0.0007	
Toluene	108-88-3	0.7	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	-	-	0.0018	U	0.0017	U	0.0017	U	0.0018	U	-	-	0.0023	U	-	-	0.0016	U	0.0015	U	-	-	0.0015	U	0.0004	J	0.00046	J	0.0018	U
trans-1,3-Dichloropropene	10061-02-6	~	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
trans-1,4-Dichloro-2-butene	110-57-6	~	mg/kg	-	-	0.006	U	0.0058	U	0.0057	U	0.006	U	-	-	0.0078	U	-	-	0.0053	U	0.005	U	-	-	0.005	U	0.0056	U	0.0057	U	0.006	U
Trichloroethene	79-01-6	0.47	mg/kg	-	-	0.0006	U	0.00058	U	0.00057	U	0.0006	U	-	-	0.00078	U	-	-	0.00053	U	0.0005	U	-	-	0.0005	U	0.00056	U	0.00055	J	0.00044	J
Trichlorofluoromethane	75-69-4	~	mg/kg	-	-	0.0048	U	0.0046	U	0.0046	U	0.0048	U	-	-	0.0062	U	-	-	0.0042	U	0.004	U	-	-	0.004	U	0.0045	U	0.0046	U	0.0048	U
Vinyl acetate	108-05-4	~	mg/kg	-	-	0.012	U	0.012	U	0.011	U	0.012	U	-	-	0.016	U	-	-	0.011	U	0.01	U	-	-	0.0099	U	0.011	U	0.011	U	0.012	U
Vinyl chloride	75-01-4	0.02	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
Xylenes, Total	1330-20-7	1.6	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.00044	J

* Comparison is not performed on parameters with non-numeric criteria.
Exceedances are in Bold
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use C

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-41		EP-42-120423		EP-43-120423		EP-44-120423		EP-45-112823		EP-45-112823		EP-46-103023		EP-47-103123		EP-48-110123		EP-49-110223		EP-49-110223		EP-50-110323		EP-51-111023		EP-52-111323		EP-54-111523	
SAMPLING DATE				11/17/2023		12/4/2023		12/4/2023		12/4/2023		11/28/2023		11/28/2023		10/30/2023		10/31/2023		11/1/2023		11/2/2023		11/2/2023		11/3/2023		11/10/2023		11/13/2023		11/15/2023	
LAB SAMPLE ID				L2368694-02		L2371219-19		L2371219-16		L2371219-13		L2370017-06		L2372992-01		L2364298-02		L2364557-03		L2364895-02		L2365118-02		L2365118-02 R1		L2365622-02		L2367176-07		L2367392-02		L2367903-02	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																																	
Chromium, Hexavalent	18540-29-9	19	mg/kg	0.862	U	0.903	U	0.855	U	0.943	U	0.856	U	-	-	0.889	U	0.903	U	0.889	U	1.07	U	-	-	0.907	U	0.896	U	0.871	U	0.886	U
Cyanide, Total	57-12-5	40	mg/kg	1	U	-	-	1	U	-	-	-	-	0.81	J	1.1	U	1	U	0.26	J	0.34	J	-	-	0.62	J	0.24	J	1.1	U	0.28	J
Solids, Total	NONE	~	%	92.8		88.6		93.6		84.8		93.5		93.5		90		88.6		90		74.5		-	-	88.2		89.3		91.8		90.3	
Organochlorine Pesticides by GC																																	
4,4'-DDD	72-54-8	14	mg/kg	0.00616		-	-	0.00167	U	-	-	-	-	0.0175		0.0029		0.00375	IP	0.0216		0.0213	U	-	-	0.0072	P	0.00169	JIP	0.0101	P	0.00741	
4,4'-DDE	72-55-9	17	mg/kg	0.00268		-	-	0.00053	J	-	-	-	-	0.012		0.00171	U	0.00911		0.00606		0.0213	U	-	-	0.00161	JP	0.00176	U	0.00146	J	0.00173	U
4,4'-DDT	50-29-3	136	mg/kg	0.0017	IP	-	-	0.00167	U	-	-	-	-	0.0126		0.00171	U	0.00854	IP	0.006		0.0213	U	-	-	0.00358	P	0.00176	U	0.00269	P	0.00241	IP
Aldrin	309-00-2	0.19	mg/kg	0.00166	U	-	-	0.00167	U	-	-	-	-	0.00164	U	0.00171	U	0.00173	U	0.00171	U	0.0213	U	-	-	0.00178	U	0.00176	U	0.00171	U	0.00173	U
Alpha-BHC	319-84-6	0.02	mg/kg	0.000691	U	-	-	0.000696	U	-	-	-	-	0.000682	U	0.000711	U	0.00072	U	0.000712	U	0.00887	U	-	-	0.000743	U	0.000735	U	0.000712	U	0.00072	U
Beta-BHC	319-85-7	0.09	mg/kg	0.00166	U	-	-	0.00167	U	-	-	-	-	0.00164	U	0.00171	U	0.00173	U	0.00171	U	0.0213	U	-	-	0.00178	U	0.00176	U	0.00171	U	0.00173	U
Chlordane	57-74-9	~	mg/kg	0.0138	U	-	-	0.0139	U	-	-	-	-	0.0461		0.0142	U	0.0144	U	0.0142	U	0.177	U	-	-	0.0148	U	0.0147	U	0.0142	U	0.0144	U
cis-Chlordane	5103-71-9	2.9	mg/kg	0.00207	U	-	-	0.00209	U	-	-	-	-	0.00531		0.00213	U	0.00286		0.00226	IP	0.0266	U	-	-	0.00223	U	0.0022	U	0.00214	U	0.00216	U
Delta-BHC	319-86-8	0.25	mg/kg	0.00166	U	-	-	0.00167	U	-	-	-	-	0.00164	U	0.00171	U	0.00173	U	0.00171	U	0.0213	U	-	-	0.00178	U	0.00176	U	0.00171	U	0.00173	U
Dieldrin	60-57-1	0.1	mg/kg	0.00104	U	-	-	0.00104	U	-	-	-	-	0.00102	U	0.00107	U	0.00108	U	0.00107	U	0.0133	U	-	-	0.00111	U	0.0011	U	0.00107	U	0.00108	U
Endosulfan I	959-98-8	102	mg/kg	0.00166	U	-	-	0.00167	U	-	-	-	-	0.00164	U	0.00171	U	0.00173	U	0.00171	U	0.0213	U	-	-	0.00178	U	0.00176	U	0.00171	U	0.00173	U
Endosulfan II	33213-65-9	102	mg/kg	0.00166	U	-	-	0.00167	U	-	-	-	-	0.00164	U	0.00171	U	0.00173	U	0.00171	U	0.0213	U	-	-	0.00178	U	0.00176	U	0.00171	U	0.00173	U
Endosulfan sulfate	1031-07-8	1000	mg/kg	0.000691	U	-	-	0.000696	U	-	-	-	-	0.000682	U	0.000711	U	0.00072	U	0.000712	U	0.00887	U	-	-	0.000743	U	0.000735	U	0.000712	U	0.00072	U
Endrin	72-20-8	0.06	mg/kg	0.000691	U	-	-	0.000696	U	-	-	-	-	0.000682	U	0.000711	U	0.00072	U	0.000712	U	0.00887	U	-	-	0.000743	U	0.000735	U	0.000712	U	0.00072	U
Endrin aldehyde	7421-93-4	~	mg/kg	0.00207	U	-	-	0.00209	U	-	-	-	-	0.00205	U	0.00213	U	0.00216	U	0.00214	U	0.0266	U	-	-	0.00223	U	0.0022	U	0.00214	U	0.00216	U
Endrin ketone	53494-70-5	~	mg/kg	0.00166	U	-	-	0.00167	U	-	-	-	-	0.00164	U	0.00171	U	0.00173	U	0.00171	U	0.0213	U	-	-	0.00178	U	0.00176	U	0.00171	U	0.00173	U
Heptachlor	76-44-8	0.38	mg/kg	0.000829	U	-	-	0.000835	U	-	-	-	-	0.000514	J	0.000853	U	0.000864	U	0.000854	U	0.0106	U	-	-	0.000892	U	0.000882	U	0.000854	U	0.000863	U
Heptachlor epoxide	1024-57-3	~	mg/kg	0.00311	U	-	-	0.00313	U	-	-	-	-	0.00307	U	0.0032	U	0.00324	U	0.0032	U	0.0399	U	-	-	0.00334	U	0.00331	U	0.0032	U	0.00324	U
Lindane	58-89-9	0.1	mg/kg	0.000691	U	-	-	0.000696	U	-	-	-	-	0.000682	U	0.000711	U	0.00072	U	0.000712	U	0.00887	U	-	-	0.000743	U	0.000735	U	0.000712	U	0.00072	U
Methoxychlor	72-43-5	~	mg/kg	0.00311	U	-	-	0.00313	U	-	-	-	-	0.00307	U	0.0032	U	0.00324	U	0.0032	U	0.0399	U	-	-	0.00334	U	0.00331	U	0.0032	U	0.00324	U
Toxaphene	8001-35-2	~	mg/kg	0.0311	U	-	-	0.0313	U	-	-	-	-	0.0307	U	0.032	U	0.0324	U	0.032	U	0.399	U	-	-	0.0334	U	0.0331	U	0.032	U	0.0324	U
trans-Chlordane	5103-74-2	~	mg/kg	0.00207	U	-	-	0.00209	U	-	-	-	-	0.00471		0.00213	U	0.00836		0.00176	JIP	0.0266	U	-	-	0.00223	U	0.0022	U	0.00214	U	0.00216	U
Perfluorinated Alkyl Acids by EPA 1633																																	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4	~	mg/kg	-	-	-	-	0.000799	U	-	-	-	-	0.000725	U	0.000762	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2	27619-97-2	~	mg/kg	-	-	-	-	0.000799	U	-	-	-	-	0.000308	J	0.000762	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	2991-50-6	~	mg/kg	-	-	-	-	0.0002	U	-	-	-	-	0.000181	U	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Ac	2355-31-9	~	mg/kg	-	-	-	-	0.0002	U	-	-	-	-	0.000181	U	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	-	-	-	-	0.0002	U	-	-	-	-	0.000181	U	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	-	-	-	-	0.000799	U	-	-	-	-	0.000725	U	0.000762	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	-	-	-	-	0.0002	U	-	-	-	-	0.000181	U	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	-	-	-	-	0.0002	U	-	-	-	-	0.000181	U	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	-	-	-	-	0.0002	U	-	-	-	-	0.000181	U	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	-	-	-	-	0.0002	U	-	-	-	-	0.000181	U	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	-	-	-	-	0.0002	U	-	-	-	-	0.000181	U	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	-	-	-	-	0.000135	J	-	-	-	-	0.000181	U	0.00244		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	-	-	-	-	0.0002	U	-	-	-	-	0.000181	U	0.000132	JF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	-	-	-	-	0.0002	U	-	-	-	-	0.000181	U	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	-	-	-	-	0.0002	U	-	-	-	-	0.000181	U	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	-	-	-	-	0.000121	J	-	-	-	-	0.000301		0.000668		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	-	-	-	-	0.000161	J	-	-	-	-	0.000049	J	0.000098	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	-	-	-	-	0.000399	U	-	-	-	-	0.000362	U	0.000381	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	-	-	-	-	0.0002	U	-	-	-	-	0.000181	U	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	-	-	-	-	0.0002	U	-	-	-	-	0.000181	U	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	-	-	-	-	0.0002	U	-	-	-	-	0.000181	U	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFOA/PFOS, Total	null	~	mg/kg	-	-	-	-	0.000282	J	-	-	-	-	0.00035	J	0.000766	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC																																	
Aroclor 1016	12674-11-2	3.2	mg/kg	0.0526	U	-	-	0.0518	U	-	-	-	-	0.0506	U	0.0538	U	0.0559	U	0.0531	U	0.0668	U	-	-	0.0555	U	0.0546	U	0.0508	U	0.0544	U
Aroclor 1221	11104-28-2	3.2	mg/kg	0.0526	U	-	-	0.0518	U	-	-	-	-	0.0506	U	0.0538	U	0.0559	U	0.0531	U	0.0668	U	-	-	0.0555	U	0.0546	U	0.0508	U	0.0544	U
Aroclor 1232	11141-16-5	3.2	mg/kg	0.0526	U	-	-	0.0518	U	-	-	-	-	0.0506	U	0.0538	U	0.0559	U	0.0531	U	0.0668	U	-	-	0.0555	U	0.0546	U	0.0508	U	0.0544	U
Aroclor 1242	53469-21-9	3.2	mg/kg	0.0526	U	-	-	0.0518	U	-	-	-	-	0.0506	U	0.0538	U	0.0559	U	0.0531	U	0.0668	U	-	-	0.0555	U	0.0546	U	0.0508	U	0.0544	U
Aroclor 1248	12672-29-6	3.2	mg/kg	0.0526	U	-	-	0.0518	U	-	-	-	-	0.0506	U	0.0538	U	0.0559	U	0.0531	U	0.0668	U	-	-	0.0555	U	0.0546	U	0.0508	U	0.0544	U
Aroclor 1254	11097-69-1	3.2	mg/kg	0.0115	J	-	-	0.0518	U	-	-	-	-	0.0506	U	0.609		0.103		0.0266	J	0.0419	J	-	-	0.119		0.0166	J	0.01	J	0.0255	J
Aroclor 1260	11096-82-5	3.2	mg/kg	0.0526	U	-	-	0.0518	U	-	-	-	-	0.0506	U	0.0538	U	0.0326	J	0.0133	J	0.0221	J	-	-	0.0283	J	0.0546	U	0.0508	U	0.024	J
Aroclor 1262	37324-23-5	3.2	mg/kg	0.0526	U	-	-	0.0518	U	-	-	-	-	0.0506	U	0.0538	U	0.0559	U	0.0531	U	0.0668	U	-	-	0.0555	U	0.0546	U	0.0508	U	0.0544	U
Aroclor 1268	11100-14-4	3.2	mg/kg	0.0526	U	-	-	0.0518	U	-	-	-	-	0.0506	U	0.0538	U	0.0124	J	0.00562	J	0.00794	J	-	-	0.0114	J	0.0546	U	0.0508	U	0.013	J
PCBs, Total	1336-36-3	3.2	mg/kg	0.0115	J	-	-	0.0518	U	-	-	-	-	0.0506	U	0.609		0.148	J	0.0455	J	0.0719	J	-	-	0.159	J	0.0166	J	0.01	J	0.0625	J
Semivolatile Organics by GC/MS																																	
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.027	U	0.028	U	0.026	U	0.15	U	0.026	U	-	-	0.027	U	0.028	U	0.027	U	0.033	U	-	-	0.028	U	0.027	U	0.027	U	0.027	U
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	0.11	U	0.11	U	0.1	U	0.58	U	0.1	U	-	-	0.11	U	0.11	U	0.11	U	0.13	U	-	-	0.11	U	0.11	U	0.11	U	0.11	U
2,4-Dichlorophenol	120-83-2	~	mg/kg	0.16	U	0.17	U	0.16	U	0.88	U	0.16	U	-	-	0.16	U	0.17	U	0.16	U	0.2	U	-	-	0.17	U	0.16	U	0.16	U	0.16	U
2,4-Dimethylphenol	105-67-9	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
2,4-Dinitrophenol	51-28-5	~	mg/kg	0.86	U	0.9	U	0.84	U	4.7	U	0.84	U	-	-	0.87	U	0.9	U	0.87	U	1.1	U	-	-	0.9	U	0.88	U	0.86	U	0.86	U
2,4-Dinitrotoluene	121-14-2	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
2,6-Dinitrotoluene	606-20-2	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
2-Chloronaphthalene	91-58-7	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
2-Chlorophenol	95-57-8	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
2-Methylnaphthalene	91-57-6	~	mg/kg	0.064	J	0.11	J	0.21	U	1.2	U	0.028	J	-	-	0.1	J	0.11	J	0.075	J	0.34		-	-	0.23		0.29		0.16	J	0.065	J
2-Methylphenol	95-48-7	0.33	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-41		EP-42-120423		EP-43-120423		EP-44-120423		EP-45-112823		EP-45-112823		EP-46-103023		EP-47-103123		EP-48-110123		EP-49-110223		EP-49-110223		EP-50-110323		EP-51-111023		EP-52-111323		EP-54-111523	
SAMPLING DATE				11/17/2023		12/4/2023		12/4/2023		12/4/2023		11/28/2023		11/28/2023		10/30/2023		10/31/2023		11/1/2023		11/2/2023		11/2/2023		11/3/2023		11/10/2023		11/13/2023		11/15/2023	
LAB SAMPLE ID				L2368694-02		L2371219-19		L2371219-16		L2371219-13		L2370017-06		L2372992-01		L2364298-02		L2364557-03		L2364895-02		L2365118-02		L2365118-02 R1		L2365622-02		L2367176-07		L2367392-02		L2367903-02	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Nitroaniline	88-74-4	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
2-Nitrophenol	88-75-5	~	mg/kg	0.38	U	0.4	U	0.38	U	2.1	U	0.38	U	-	-	0.39	U	0.4	U	0.39	U	0.48	U	-	-	0.4	U	0.39	U	0.39	U	0.39	U
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	mg/kg	0.078	J	0.27	U	0.25	U	1.4	U	0.25	U	-	-	0.26	U	0.038	J	0.26	U	0.083	J	-	-	0.058	J	0.033	J	0.028	J	0.26	U
3-Nitroaniline	99-09-2	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	0.46	U	0.48	U	0.46	U	2.5	U	0.45	U	-	-	0.47	U	0.49	U	0.47	U	0.58	U	-	-	0.48	U	0.48	U	0.46	U	0.47	U
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
4-Chloroaniline	106-47-8	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
4-Nitroaniline	100-01-6	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
4-Nitrophenol	100-02-7	~	mg/kg	0.25	U	0.26	U	0.24	U	1.4	U	0.24	U	-	-	0.25	U	0.26	U	0.25	U	0.31	U	-	-	0.26	U	0.26	U	0.25	U	0.25	U
Acenaphthene	83-32-9	98	mg/kg	0.095	J	0.46		0.14	U	0.13	J	0.077	J	-	-	0.16		0.27		0.21		0.53		-	-	0.55		0.41		0.57		0.29	
Acenaphthylene	208-96-8	107	mg/kg	0.11	J	0.18		0.14	U	0.41	J	0.1	J	-	-	0.19		0.37		0.33		0.71		-	-	0.31		0.46		0.4		0.56	
Acetophenone	98-86-2	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.048	J	0.028	J	0.18	U	0.18	U
Anthracene	120-12-7	1000	mg/kg	0.33		1.2		0.034	J	0.5	J	0.3		-	-	0.49		0.72		0.8		1.6		-	-	1.2		1.1		1.5		1.2	
Benzo(a)anthracene	56-55-3	1	mg/kg	**1**		**2.5**		0.083	J	**1.7**		0.79		-	-	**1.5**		**2.4**		**2.4**		**4.1**		-	-	**2.7**		**2.2**		**4**		**4.2**	
Benzo(a)pyrene	50-32-8	22	mg/kg	1		2.6		0.11	J	2.4		0.9		-	-	1.5		2.3		2.6		4.2		-	-	2.6		2.3		3.6		3.9	
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	1.3		**3.1**		0.12		**2.6**		1		-	-	**1.7**		**2.7**		**2.9**		**4.8**		-	-	**3.2**		**2.7**		**4.1**		**4.6**	
Benzo(ghi)perylene	191-24-2	1000	mg/kg	0.62		1.4		0.063	J	1.3		0.46		-	-	0.8		1.4		1.5		2.8		-	-	1.7		1.9		2		2.1	
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	0.32		0.84		0.043	J	0.94		0.29		-	-	0.59		0.96		1.1		1.3		-	-	1		0.8		1.3		1.4	
Benzoic Acid	65-85-0	~	mg/kg	0.58	U	0.6	U	0.57	U	3.2	U	0.57	U	-	-	0.59	U	0.61	U	0.59	U	0.72	U	-	-	0.6	U	0.59	U	0.58	U	0.58	U
Benzyl Alcohol	100-51-6	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
Biphenyl	92-52-4	~	mg/kg	0.41	U	0.034	J	0.4	U	2.2	U	0.4	U	-	-	0.029	J	0.036	J	0.029	J	0.13	J	-	-	0.077	J	0.11	J	0.057	J	0.41	U
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	0.19	U	0.2	U	0.19	U	1	U	0.19	U	-	-	0.2	U	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	0.19	U
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	0.16	U	0.17	U	0.16	U	0.88	U	0.16	U	-	-	0.16	U	0.17	U	0.16	U	0.2	U	-	-	0.17	U	0.16	U	0.16	U	0.16	U
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	0.21	U	0.22	U	0.21	U	1.2	U	0.21	U	-	-	0.22	U	0.22	U	0.22	U	0.27	U	-	-	0.22	U	0.22	U	0.21	U	0.22	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
Butyl benzyl phthalate	85-68-7	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
Carbazole	86-74-8	~	mg/kg	0.11	J	0.29		0.18	U	0.14	J	0.053	J	-	-	0.17	J	0.37		0.24		0.54		-	-	0.46		0.31		0.4		0.36	
Chrysene	218-01-9	1	mg/kg	**1**		**2.4**		0.08	J	**1.7**		0.73		-	-	**1.5**		**2.5**		**2.5**		**4**		-	-	**2.9**		**2.1**		**3.6**		**3.7**	
Di-n-butylphthalate	84-74-2	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.036	J	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.056	J
Di-n-octylphthalate	117-84-0	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	0.14		0.32		0.1	U	0.29	J	0.097	J	-	-	0.21		0.34		0.35		0.53		-	-	0.4		0.39		0.5		0.49	
Dibenzofuran	132-64-9	210	mg/kg	0.08	J	0.24		0.18	U	0.1	J	0.055	J	-	-	0.14	J	0.19		0.17	J	0.51		-	-	0.39		0.58		0.36		0.16	J
Diethyl phthalate	84-66-2	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
Dimethyl phthalate	131-11-3	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
Fluoranthene	206-44-0	1000	mg/kg	2		5		0.16		3.3		1.7		-	-	3		4.1		4.9		10	E	9		4.6		4.8		5		7	
Fluorene	86-73-7	386	mg/kg	0.1	J	0.43		0.18	U	0.14	J	0.098	J	-	-	0.17	J	0.25		0.17	J	0.58		-	-	0.5		0.41		0.63		0.34	
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.11	U	0.11	U	0.1	U	0.58	U	0.1	U	-	-	0.11	U	0.11	U	0.11	U	0.13	U	-	-	0.11	U	0.11	U	0.11	U	0.11	U
Hexachlorobutadiene	87-68-3	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	0.51	U	0.53	U	0.5	U	2.8	U	0.5	U	-	-	0.52	U	0.54	U	0.52	U	0.63	U	-	-	0.53	U	0.52	U	0.51	U	0.52	U
Hexachloroethane	67-72-1	~	mg/kg	0.14	U	0.15	U	0.14	U	0.78	U	0.14	U	-	-	0.14	U	0.15	U	0.14	U	0.18	U	-	-	0.15	U	0.15	U	0.14	U	0.14	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	0.66		1.6		0.065	J	1.4		0.42		-	-	0.93		1.6		1.7		2.3		-	-	1.7		1.5		2.3		2.5	
Isophorone	78-59-1	~	mg/kg	0.16	U	0.17	U	0.16	U	0.88	U	0.16	U	-	-	0.16	U	0.17	U	0.16	U	0.2	U	-	-	0.17	U	0.16	U	0.16	U	0.16	U
n-Nitrosodi-n-propylamine	621-64-7	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
Naphthalene	91-20-3	12	mg/kg	0.13	J	0.17	J	0.18	U	0.22	J	0.043	J	-	-	0.15	J	0.23		0.14	J	0.62		-	-	0.5		0.62		0.3		0.11	J
NDPA/DPA	86-30-6	~	mg/kg	0.14	U	0.15	U	0.14	U	0.78	U	0.14	U	-	-	0.14	U	0.15	U	0.14	U	0.18	U	-	-	0.15	U	0.15	U	0.14	U	0.14	U
Nitrobenzene	98-95-3	~	mg/kg	0.16	U	0.17	U	0.16	U	0.88	U	0.16	U	-	-	0.16	U	0.17	U	0.16	U	0.2	U	-	-	0.17	U	0.16	U	0.16	U	0.16	U
p-Chloro-m-cresol	59-50-7	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
Pentachlorophenol	87-86-5	0.8	mg/kg	0.14	U	0.15	U	0.14	U	0.78	U	0.14	U	-	-	0.14	U	0.15	U	0.14	U	0.18	U	-	-	0.15	U	0.15	U	0.14	U	0.14	U
Phenanthrene	85-01-8	1000	mg/kg	1.1		3.3		0.089	J	1.5		0.69		-	-	2		3.3		2.3		6.1		-	-	4		2.5		4.5		3.8	
Phenol	108-95-2	0.33	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.03	J	0.18	U	0.22	U	-	-	0.068	J	0.18	U	0.18	U	0.18	U
Pyrene	129-00-0	1000	mg/kg	1.8		4.5		0.15		3.1		1.4		-	-	2.7		3.9		4.5		9.1	E	8.2		4.2		4.2		6		6.4	
Total Metals																																	
Aluminum, Total	7429-90-5	~	mg/kg	4040		-	-	838		-	-	-	-	975		5320		5080		4020		6170		-	-	3890		6560		5650		4520	
Antimony, Total	7440-36-0	~	mg/kg	0.626	J	-	-	4.14	U	-	-	-	-	4.16	U	1.27	J	1.92	J	1.79	J	4.44	J	-	-	1.73	J	0.346	J	1.39	J	9.47	
Arsenic, Total	7440-38-2	16	mg/kg	4.55		6.23		1.03		5.95		1.36		1.21		6		7.56		3.64		**34.4**		-	-	8.41		4.62		6.9		9.46	
Barium, Total	7440-39-3	820	mg/kg	124		-	-	7.72		-	-	-	-	19.6		108		330		147		171		-	-	299		65.4		158		241	
Beryllium, Total	7440-41-7	47	mg/kg	0.277	J	-	-	0.414	U	-	-	-	-	0.416	U	0.432	J	0.369	J	0.383	J	0.722		-	-	0.339	J	0.445		0.373	J	0.481	
Cadmium, Total	7440-43-9	7.5	mg/kg	0.298	J	-	-	0.828	U	-	-	-	-	0.832	U	1.96		0.529	J	0.454	J	0.427	J	-	-	0.857	J	0.26	J	0.277	J	0.795	J
Calcium, Total	7440-70-2	~	mg/kg	9020		-	-	1390		-	-	-	-	6550		16700		19500		9810		13000		-	-	14100		8000		10100		17500	
Chromium, Total	7440-47-3	~	mg/kg	10.6		-	-	2.32		-	-	-	-	3.04		16.8		13.6		12.6		17.3		-	-	13.3		13.6		12.2		13.7	
Cobalt, Total	7440-48-4	~	mg/kg	4.96		-	-	0.549	J	-	-	-	-	1.05	J	6.13		5.46		5.28		11.5		-	-	4.66		5.2		4.6		5.02	
Copper, Total	7440-50-8	1720	mg/kg	53.4		-	-	3.07		-	-	-	-	7.23		52.1		39		23.2		104		-	-	76.1		64.5		75.1		101	
Iron, Total	7439-89-6	~	mg/kg	14000		-	-	2420		-	-	-	-	3790		16700		12800		9760		32800		-	-	11600		13400		13300		13500	
Lead, Total	7439-92-1	450	mg/kg	182		-	-	7.65		-	-	-	-	33		184		**654**		319		352		-	-	**808**		92.5		333		390	
Magnesium, Total	7439-95-4	~	mg/kg	3460		-	-	307		-	-	-	-	2740		4660		3380		3120		2870		-	-	2840		4040		4340		3090	
Manganese, Total	7439-96-5	2000	mg/kg	212		-	-	34.2		-	-	-	-	67.3		442		246		143		284		-	-	204		265		182		224	
Mercury, Total	7439-97-6	0.73	mg/kg	0.273		-	-	0.07	U	-	-	-	-	0.062	J	0.37		0.639		0.679		0.614		-	-	0.561		0.134		0.344		0.681	
Nickel, Total	7440-02-0	130	mg/kg	35		-	-	1.18	J	-	-	-	-	3.02		25.3		23.7		22.5		30.5		-	-	23.4		19.7		22.4		22.8	
Potassium, Total	7440-09-7	~	mg/kg	858		-	-	100	J	-	-	-	-	117	J	802		1090		814		1440		-	-	743		1070		684		765	
Selenium, Total	7782-49-2	4	mg/kg	0.217	J	-	-	1.66	U	-	-	-	-	1.66	U	0.527	J	0.362	J	1.72	U	**4.31**		-	-	0.949	J	1.75	U	0.295	J	0.568	J
Silver, Total	7440-22-4	8.3	mg/kg	0.406	U	-	-	0.414	U	-	-	-	-	0.416	U	0.439	U	0.443	U	0.431	U	0.521	U	-	-	0.341	J	0.264	J	0.239	J	0.428	U
Sodium, Total	7440-23-5	~	mg/kg	144	J	-	-	24.2	J	-	-	-	-	31.1	J	172	J	252		149	J	448		-	-	296		290		161	J	509	
Thallium, Total	7440-28-0	~	mg/kg	0.402	J	-	-	1.66	U	-	-	-	-	0.268	J	0.464	J	0.529	J	1.72	U	0.65	J	-	-	0.51	J	1	J	0.908	J	1.71	U
Vanadium, Total	7440-62-2	~	mg/kg	16.7		-	-	3.99		-	-	-	-	3.99		18.2		20.5		16.6		26.4		-	-	15.4		21.6		18.2		17.1	
Zinc, Total	7440-66-6	2480	mg/kg	125		-	-	7.41		-	-	-	-	26.1		340		282		227		225		-	-	410		175		241		323	
Volatile Organics by EPA 5035																																	
1,1,1,2-Tetrachloroethane	630-20-6	~	mg/kg	0.0005	U	-	-	0.00059	U	-	-	-	-	0.00055	U	0.0006	U	0.00053	U	0.00055	U	0.00079	U	-	-	0.00065	U	0.00054	U	0.00058	U	0.00066	U
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	0.0005	U	-	-	0.00059	U	-	-	-	-	0.00055	U	0.0006	U	0.00053	U	0.00055	U	0.00079	U	-	-	0.00065	U	0.00054	U	0.00058	U	0.00066	U
1,1,2,2-Tetrachloroethane	79-34-5	~	mg/kg	0.0005	U	-	-	0.00059	U	-	-	-	-	0.00055	U	0.0006	U	0.00053	U	0.00055	U	0.00079	U	-	-	0.00065	U	0.00054	U	0.00058	U	0.00066	U

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-41		EP-42-120423		EP-43-120423		EP-44-120423		EP-45-112823		EP-45-112823		EP-46-103023		EP-47-103123		EP-48-110123		EP-49-110223		EP-49-110223		EP-50-110323		EP-51-111023		EP-52-111323		EP-54-111523	
SAMPLING DATE				11/17/2023		12/4/2023		12/4/2023		12/4/2023		11/28/2023		11/28/2023		10/30/2023		10/31/2023		11/1/2023		11/2/2023		11/2/2023		11/3/2023		11/10/2023		11/13/2023		11/15/2023	
LAB SAMPLE ID				L2368694-02		L2371219-19		L2371219-16		L2371219-13		L2370017-06		L2372992-01		L2364298-02		L2364557-03		L2364895-02		L2365118-02		L2365118-02 R1		L2365622-02		L2367176-07		L2367392-02		L2367903-02	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1,2-Trichloroethane	79-00-5	~	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
1,1-Dichloroethane	75-34-3	0.27	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
1,1-Dichloroethene	75-35-4	0.33	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
1,1-Dichloropropene	563-58-6	~	mg/kg	0.0005	U	-	-	0.00059	U	-	-	-	-	0.00055	U	0.0006	U	0.00053	U	0.00055	U	0.00079	U	-	-	0.00065	U	0.00054	U	0.00058	U	0.00066	U
1,2,3-Trichlorobenzene	87-61-6	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
1,2,3-Trichloropropane	96-18-4	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0014	J	0.0024	U	0.00099	J	0.0022	U	0.0022	J	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
1,2-Dibromo-3-chloropropane	96-12-8	~	mg/kg	0.003	U	-	-	0.0035	U	-	-	-	-	0.0033	U	0.0036	U	0.0032	U	0.0033	U	0.0047	U	-	-	0.0039	U	0.0032	U	0.0035	U	0.0039	U
1,2-Dibromoethane	106-93-4	~	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
1,2-Dichloroethane	107-06-2	0.02	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
1,2-Dichloroethene, Total	540-59-0	~	mg/kg	0.0011		-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
1,2-Dichloropropane	78-87-5	~	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
1,3-Dichloropropane	142-28-9	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
1,3-Dichloropropene, Total	542-75-6	~	mg/kg	0.0005	U	-	-	0.00059	U	-	-	-	-	0.00055	U	0.0006	U	0.00053	U	0.00055	U	0.00079	U	-	-	0.00065	U	0.00054	U	0.00058	U	0.00066	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.08	U	-	-	0.094	U	-	-	-	-	0.089	U	0.095	U	0.085	U	0.088	U	0.13	U	-	-	0.1	U	0.086	U	0.093	U	0.1	U
2,2-Dichloropropane	594-20-7	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
2-Butanone	78-93-3	0.12	mg/kg	0.01	U	-	-	0.012	U	-	-	-	-	0.011	U	0.012	U	0.011	U	0.011	U	0.016	U	-	-	0.005	J	0.011	U	0.012	U	0.013	U
2-Hexanone	591-78-6	~	mg/kg	0.01	U	-	-	0.012	U	-	-	-	-	0.011	U	0.012	U	0.011	U	0.011	U	0.016	U	-	-	0.013	U	0.011	U	0.012	U	0.013	U
4-Methyl-2-pentanone	108-10-1	~	mg/kg	0.01	U	-	-	0.012	U	-	-	-	-	0.011	U	0.012	U	0.011	U	0.011	U	0.016	U	-	-	0.013	U	0.011	U	0.012	U	0.013	U
Acetone	67-64-1	0.05	mg/kg	0.01	U	-	-	0.012	U	-	-	-	-	0.011	U	0.012	U	0.0051	J	0.013		0.016	U	-	-	**0.061**		0.011	U	0.012	U	0.013	U
Acrylonitrile	107-13-1	~	mg/kg	0.004	U	-	-	0.0047	U	-	-	-	-	0.0044	U	0.0048	U	0.0042	U	0.0044	U	0.0063	U	-	-	0.0052	U	0.0043	U	0.0046	U	0.0052	U
Benzene	71-43-2	0.06	mg/kg	0.0005	U	-	-	0.00059	U	-	-	-	-	0.00055	U	0.0006	U	0.00053	U	0.00055	U	0.00079	U	-	-	0.00065	U	0.00054	U	0.00058	U	0.00066	U
Bromobenzene	108-86-1	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
Bromochloromethane	74-97-5	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
Bromodichloromethane	75-27-4	~	mg/kg	0.0005	U	-	-	0.00059	U	-	-	-	-	0.00055	U	0.0006	U	0.00053	U	0.00055	U	0.00079	U	-	-	0.00065	U	0.00054	U	0.00058	U	0.00066	U
Bromoform	75-25-2	~	mg/kg	0.004	U	-	-	0.0047	U	-	-	-	-	0.0044	U	0.0048	U	0.0042	U	0.0044	U	0.0063	U	-	-	0.0052	U	0.0043	U	0.0046	U	0.0052	U
Bromomethane	74-83-9	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
Carbon disulfide	75-15-0	~	mg/kg	0.01	U	-	-	0.012	U	-	-	-	-	0.011	U	0.012	U	0.011	U	0.011	U	0.016	U	-	-	0.013	U	0.011	U	0.012	U	0.013	U
Carbon tetrachloride	56-23-5	0.76	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
Chlorobenzene	108-90-7	1.1	mg/kg	0.0005	U	-	-	0.00059	U	-	-	-	-	0.00055	U	0.0006	U	0.00053	U	0.00055	U	0.00079	U	-	-	0.00065	U	0.00054	U	0.00058	U	0.00066	U
Chloroethane	75-00-3	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
Chloroform	67-66-3	0.37	mg/kg	0.0015	U	-	-	0.0018	U	-	-	-	-	0.0017	U	0.0018	U	0.0016	U	0.0016	U	0.0024	U	-	-	0.002	U	0.0016	U	0.0017	U	0.002	U
Chloromethane	74-87-3	~	mg/kg	0.004	U	-	-	0.0047	U	-	-	-	-	0.0044	U	0.0048	U	0.0042	U	0.0044	U	0.0063	U	-	-	0.0052	U	0.0043	U	0.0046	U	0.0052	U
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	0.0011		-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
cis-1,3-Dichloropropene	10061-01-5	~	mg/kg	0.0005	U	-	-	0.00059	U	-	-	-	-	0.00055	U	0.0006	U	0.00053	U	0.00055	U	0.00079	U	-	-	0.00065	U	0.00054	U	0.00058	U	0.00066	U
Dibromochloromethane	124-48-1	~	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
Dibromomethane	74-95-3	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
Dichlorodifluoromethane	75-71-8	~	mg/kg	0.01	U	-	-	0.012	U	-	-	-	-	0.011	U	0.012	U	0.011	U	0.011	U	0.016	U	-	-	0.013	U	0.011	U	0.012	U	0.013	U
Ethyl ether	60-29-7	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
Ethylbenzene	100-41-4	1	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
Hexachlorobutadiene	87-68-3	~	mg/kg	0.004	U	-	-	0.0047	U	-	-	-	-	0.0044	U	0.0048	U	0.0042	U	0.0044	U	0.0063	U	-	-	0.0052	U	0.0043	U	0.0046	U	0.0052	U
Isopropylbenzene	98-82-8	~	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
Methylene chloride	75-09-2	0.05	mg/kg	0.005	U	-	-	0.0059	U	-	-	-	-	0.0055	U	0.006	U	0.0053	U	0.0055	U	0.0079	U	-	-	0.0065	U	0.0054	U	0.0058	U	0.0066	U
n-Butylbenzene	104-51-8	12	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
n-Propylbenzene	103-65-1	3.9	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
Naphthalene	91-20-3	12	mg/kg	0.0007	J	-	-	0.0047	U	-	-	-	-	0.0044	U	0.0048	U	0.00088	J	0.0044	U	0.0063	U	-	-	0.0052	U	0.0043	U	0.0046	U	0.0052	U
o-Chlorotoluene	95-49-8	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
o-Xylene	95-47-6	~	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
p-Chlorotoluene	106-43-4	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
p-Diethylbenzene	105-05-5	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.00021	J	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
p-Ethyltoluene	622-96-8	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
p-Isopropyltoluene	99-87-6	~	mg/kg	0.00011	J	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.00096	J	0.0011	U	0.0012	U	0.0013	U
p/m-Xylene	179601-23-1	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
sec-Butylbenzene	135-98-8	11	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
Styrene	100-42-5	~	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
tert-Butylbenzene	98-06-6	5.9	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
Tetrachloroethene	127-18-4	1.3	mg/kg	0.00037	J	-	-	0.00059	U	-	-	-	-	0.00055	U	0.0006	U	0.0016		0.00055	U	0.00079	U	-	-	0.00065	U	0.00054	U	0.00058	U	0.00066	U
Toluene	108-88-3	0.7	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	0.0015	U	-	-	0.0018	U	-	-	-	-	0.0017	U	0.0018	U	0.0016	U	0.0016	U	0.0024	U	-	-	0.002	U	0.0016	U	0.0017	U	0.002	U
trans-1,3-Dichloropropene	10061-02-6	~	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
trans-1,4-Dichloro-2-butene	110-57-6	~	mg/kg	0.005	U	-	-	0.0059	U	-	-	-	-	0.0055	U	0.006	U	0.0053	U	0.0055	U	0.0079	U	-	-	0.0065	U	0.0054	U	0.0058	U	0.0066	U
Trichloroethene	79-01-6	0.47	mg/kg	0.0005	U	-	-	0.00059	U	-	-	-	-	0.00055	U	0.0006	U	0.00024	J	0.00055	U	0.00079	U	-	-	0.00065	U	0.00054	U	0.00058	U	0.00066	U
Trichlorofluoromethane	75-69-4	~	mg/kg	0.004	U	-	-	0.0047	U	-	-	-	-	0.0044	U	0.0048	U	0.0042	U	0.0044	U	0.0063	U	-	-	0.0052	U	0.0043	U	0.0046	U	0.0052	U
Vinyl acetate	108-05-4	~	mg/kg	0.01	U	-	-	0.012	U	-	-	-	-	0.011	U	0.012	U	0.011	U	0.011	U	0.016	U	-	-	0.013	U	0.011	U	0.012	U	0.013	U
Vinyl chloride	75-01-4	0.02	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
Xylenes, Total	1330-20-7	1.6	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U

* Comparison is not performed on parameters with non-numeric criteria.
Exceedances are in Bold
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use C

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-55		EP-55		EP-56-111623		EP-57-120423		EP-58-120423		EP-59-120423		EP-60-112723		EP-60-112723		EP-60-112723		EP-61-103123		EP-62-103123		EP-62-103123		EP-63-110123		EP-63-110123		EP-64-110223		EP-64-110223	
SAMPLING DATE				11/17/2023		11/17/2023		11/16/2023		12/4/2023		12/4/2023		12/4/2023		11/27/2023		11/27/2023		11/27/2023		10/31/2023		10/31/2023		10/31/2023		11/1/2023		11/1/2023		11/2/2023		11/2/2023	
LAB SAMPLE ID				L2368694-03		L2368694-03 R1		L2368313-05		L2371219-18		L2371219-12		L2371219-09		L2369780-03		L2373088-02		L2373088-02 R1		L2364557-01		L2364557-04		L2364557-04 R1		L2364895-03		L2364895-03 R1		L2365118-03		L2365118-03 R1	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																			
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																																			
Chromium, Hexavalent	18540-29-9	19	mg/kg	0.869	U	-	-	0.902	U	0.669	J	0.45	J	0.98	U	0.959	U	-	-	-	-	0.869	U	0.438	J	-	-	0.902	U	-	-	0.885	U	-	-
Cyanide, Total	57-12-5	40	mg/kg	0.39	J	-	-	1	U	-	-	-	-	-	-	-	-	0.5	J	-	-	1	U	1.1	U	-	-	0.25	J	-	-	0.38	J	-	-
Solids, Total	NONE	~	%	92.1		-	-	88.7		73.2		86.7		81.6		83.4		83.4		-	-	92.1		86.8		-	-	88.7		-	-	90.4		-	-
Organochlorine Pesticides by GC																																			
4,4'-DDD	72-54-8	14	mg/kg	0.00404		-	-	0.00372		-	-	-	-	-	-	-	-	0.00217		-	-	0.00167	U	0.00177	U	-	-	0.00177	U	-	-	0.00704		-	-
4,4'-DDE	72-55-9	17	mg/kg	0.0045		-	-	0.00161	J	-	-	-	-	-	-	-	-	0.00136	J	-	-	0.00167	U	0.0146		-	-	0.00315	IP	-	-	0.00317		-	-
4,4'-DDT	50-29-3	136	mg/kg	0.00369		-	-	0.00158	JIP	-	-	-	-	-	-	-	-	0.00189	U	-	-	0.00167	U	0.0443		-	-	0.0144		-	-	0.0184	IP	-	-
Aldrin	309-00-2	0.19	mg/kg	0.00166	U	-	-	0.00178	U	-	-	-	-	-	-	-	-	0.00189	U	-	-	0.00167	U	0.00177	U	-	-	0.00177	U	-	-	0.00172	U	-	-
Alpha-BHC	319-84-6	0.02	mg/kg	0.000694	U	-	-	0.00074	U	-	-	-	-	-	-	-	-	0.000788	U	-	-	0.000695	U	0.000739	U	-	-	0.000737	U	-	-	0.000714	U	-	-
Beta-BHC	319-85-7	0.09	mg/kg	0.00166	U	-	-	0.00178	U	-	-	-	-	-	-	-	-	0.00189	U	-	-	0.00167	U	0.00177	U	-	-	0.00177	U	-	-	0.00172	U	-	-
Chlordane	57-74-9	~	mg/kg	0.0139	U	-	-	0.0148	U	-	-	-	-	-	-	-	-	0.0158	U	-	-	0.0139	U	0.0568		-	-	0.0147	U	-	-	0.0143	U	-	-
cis-Chlordane	5103-71-9	2.9	mg/kg	0.00208	U	-	-	0.00222	U	-	-	-	-	-	-	-	-	0.00236	U	-	-	0.00208	U	0.00144	JIP	-	-	0.00221	U	-	-	0.00214	U	-	-
Delta-BHC	319-86-8	0.25	mg/kg	0.00166	U	-	-	0.00178	U	-	-	-	-	-	-	-	-	0.00189	U	-	-	0.00167	U	0.00177	U	-	-	0.00177	U	-	-	0.00172	U	-	-
Dieldrin	60-57-1	0.1	mg/kg	0.00104	U	-	-	0.00111	U	-	-	-	-	-	-	-	-	0.00118	U	-	-	0.00104	U	0.00111	U	-	-	0.00111	U	-	-	0.00107	U	-	-
Endosulfan I	959-98-8	102	mg/kg	0.00166	U	-	-	0.00178	U	-	-	-	-	-	-	-	-	0.00189	U	-	-	0.00167	U	0.00177	U	-	-	0.00177	U	-	-	0.00172	U	-	-
Endosulfan II	33213-65-9	102	mg/kg	0.00166	U	-	-	0.00178	U	-	-	-	-	-	-	-	-	0.00189	U	-	-	0.00167	U	0.00177	U	-	-	0.00177	U	-	-	0.00172	U	-	-
Endosulfan sulfate	1031-07-8	1000	mg/kg	0.000694	U	-	-	0.00074	U	-	-	-	-	-	-	-	-	0.000788	U	-	-	0.000695	U	0.000739	U	-	-	0.000737	U	-	-	0.000714	U	-	-
Endrin	72-20-8	0.06	mg/kg	0.000694	U	-	-	0.00074	U	-	-	-	-	-	-	-	-	0.000788	U	-	-	0.000695	U	0.000739	U	-	-	0.000737	U	-	-	0.000714	U	-	-
Endrin aldehyde	7421-93-4	~	mg/kg	0.00208	U	-	-	0.00222	U	-	-	-	-	-	-	-	-	0.00236	U	-	-	0.00208	U	0.00222	U	-	-	0.00221	U	-	-	0.00214	U	-	-
Endrin ketone	53494-70-5	~	mg/kg	0.00166	U	-	-	0.00178	U	-	-	-	-	-	-	-	-	0.00189	U	-	-	0.00167	U	0.00177	U	-	-	0.00177	U	-	-	0.00172	U	-	-
Heptachlor	76-44-8	0.38	mg/kg	0.000832	U	-	-	0.000888	U	-	-	-	-	-	-	-	-	0.000946	U	-	-	0.000834	U	0.000887	U	-	-	0.000885	U	-	-	0.000858	U	-	-
Heptachlor epoxide	1024-57-3	~	mg/kg	0.00312	U	-	-	0.00333	U	-	-	-	-	-	-	-	-	0.00355	U	-	-	0.00313	U	0.00332	U	-	-	0.00332	U	-	-	0.00322	U	-	-
Lindane	58-89-9	0.1	mg/kg	0.000694	U	-	-	0.00074	U	-	-	-	-	-	-	-	-	0.000788	U	-	-	0.000695	U	0.000739	U	-	-	0.000737	U	-	-	0.000714	U	-	-
Methoxychlor	72-43-5	~	mg/kg	0.00312	U	-	-	0.00333	U	-	-	-	-	-	-	-	-	0.00355	U	-	-	0.00313	U	0.00332	U	-	-	0.00332	U	-	-	0.00322	U	-	-
Toxaphene	8001-35-2	~	mg/kg	0.0312	U	-	-	0.0333	U	-	-	-	-	-	-	-	-	0.0355	U	-	-	0.0313	U	0.0332	U	-	-	0.0332	U	-	-	0.0322	U	-	-
trans-Chlordane	5103-74-2	~	mg/kg	0.00208	U	-	-	0.00222	U	-	-	-	-	-	-	-	-	0.00236	U	-	-	0.00208	U	0.00352	IP	-	-	0.00221	U	-	-	0.00214	U	-	-
Perfluorinated Alkyl Acids by EPA 1633																																			
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000777	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2	27619-97-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000777	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	2991-50-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Ac	2355-31-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000777	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000203		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000389	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFOA/PFOS, Total	null	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000203		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC																																			
Aroclor 1016	12674-11-2	3.2	mg/kg	0.0536	U	-	-	0.052	U	-	-	-	-	-	-	-	-	0.0566	U	-	-	0.0516	U	0.0544	U	-	-	0.053	U	-	-	0.054	U	-	-
Aroclor 1221	11104-28-2	3.2	mg/kg	0.0536	U	-	-	0.052	U	-	-	-	-	-	-	-	-	0.0566	U	-	-	0.0516	U	0.0544	U	-	-	0.053	U	-	-	0.054	U	-	-
Aroclor 1232	11141-16-5	3.2	mg/kg	0.0536	U	-	-	0.052	U	-	-	-	-	-	-	-	-	0.0566	U	-	-	0.0516	U	0.0544	U	-	-	0.053	U	-	-	0.054	U	-	-
Aroclor 1242	53469-21-9	3.2	mg/kg	0.0536	U	-	-	0.052	U	-	-	-	-	-	-	-	-	0.0566	U	-	-	0.0516	U	0.0544	U	-	-	0.053	U	-	-	0.054	U	-	-
Aroclor 1248	12672-29-6	3.2	mg/kg	0.0536	U	-	-	0.052	U	-	-	-	-	-	-	-	-	0.0566	U	-	-	0.0516	U	0.0544	U	-	-	0.053	U	-	-	0.054	U	-	-
Aroclor 1254	11097-69-1	3.2	mg/kg	0.00906	J	-	-	0.0101	J	-	-	-	-	-	-	-	-	0.0566	U	-	-	0.0386	J	0.0393	J	-	-	0.0564		-	-	0.11		-	-
Aroclor 1260	11096-82-5	3.2	mg/kg	0.0536	U	-	-	0.052	U	-	-	-	-	-	-	-	-	0.0566	U	-	-	0.0246	J	0.0443	J	-	-	0.0248	J	-	-	0.0451	J	-	-
Aroclor 1262	37324-23-5	3.2	mg/kg	0.0536	U	-	-	0.052	U	-	-	-	-	-	-	-	-	0.0566	U	-	-	0.0516	U	0.0544	U	-	-	0.053	U	-	-	0.054	U	-	-
Aroclor 1268	11100-14-4	3.2	mg/kg	0.0536	U	-	-	0.052	U	-	-	-	-	-	-	-	-	0.0566	U	-	-	0.0232	J	0.0195	J	-	-	0.0105	J	-	-	0.0261	J	-	-
PCBs, Total	1336-36-3	3.2	mg/kg	0.00906	J	-	-	0.0101	J	-	-	-	-	-	-	-	-	0.0566	U	-	-	0.0864	J	0.103	J	-	-	0.0917	J	-	-	0.181	J	-	-
Semivolatile Organics by GC/MS																																			
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
1,4-Dioxane	123-91-1	0.1	mg/kg	0.027	U	-	-	0.028	U	0.033	U	0.14	U	0.15	U	0.03	U	-	-	-	-	0.027	U	0.028	U	-	-	0.028	U	-	-	0.028	U	-	-
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	0.11	U	-	-	0.11	U	0.13	U	0.56	U	0.6	U	0.12	U	-	-	-	-	0.11	U	0.11	U	-	-	0.11	U	-	-	0.11	U	-	-
2,4-Dichlorophenol	120-83-2	~	mg/kg	0.16	U	-	-	0.17	U	0.2	U	0.85	U	0.91	U	0.18	U	-	-	-	-	0.16	U	0.17	U	-	-	0.17	U	-	-	0.16	U	-	-
2,4-Dimethylphenol	105-67-9	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
2,4-Dinitrophenol	51-28-5	~	mg/kg	0.86	U	-	-	0.89	U	1.1	U	4.5	U	4.8	U	0.94	U	-	-	-	-	0.85	U	0.91	U	-	-	0.9	U	-	-	0.88	U	-	-
2,4-Dinitrotoluene	121-14-2	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
2,6-Dinitrotoluene	606-20-2	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
2-Chloronaphthalene	91-58-7	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
2-Chlorophenol	95-57-8	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
2-Methylnaphthalene	91-57-6	~	mg/kg	0.52		-	-	0.21	J	0.14	J	1.1	U	0.16	J	0.14	J	-	-	-	-	0.14	J	0.37		-	-	0.37		-	-	0.29		-	-
2-Methylphenol	95-48-7	0.33	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-55		EP-55		EP-56-111623		EP-57-120423		EP-58-120423		EP-59-120423		EP-60-112723		EP-60-112723		EP-60-112723		EP-61-103123		EP-62-103123		EP-62-103123		EP-63-110123		EP-63-110123		EP-64-110223		EP-64-110223	
SAMPLING DATE				11/17/2023		11/17/2023		11/16/2023		12/4/2023		12/4/2023		12/4/2023		11/27/2023		11/27/2023		11/27/2023		10/31/2023		10/31/2023		10/31/2023		11/1/2023		11/1/2023		11/2/2023		11/2/2023	
LAB SAMPLE ID				L2368694-03		L2368694-03 R1		L2368313-05		L2371219-18		L2371219-12		L2371219-09		L2369780-03		L2373088-02		L2373088-02 R1		L2364557-01		L2364557-04		L2364557-04 R1		L2364895-03		L2364895-03 R1		L2365118-03		L2365118-03 R1	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																			
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Nitroaniline	88-74-4	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
2-Nitrophenol	88-75-5	~	mg/kg	0.39	U	-	-	0.4	U	0.48	U	2	U	2.2	U	0.42	U	-	-	-	-	0.38	U	0.41	U	-	-	0.4	U	-	-	0.4	U	-	-
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	mg/kg	0.087	J	-	-	0.048	J	0.047	J	1.4	U	1.4	U	0.28	U	-	-	-	-	0.058	J	0.12	J	-	-	0.051	J	-	-	0.086	J	-	-
3-Nitroaniline	99-09-2	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	0.46	U	-	-	0.48	U	0.58	U	2.4	U	2.6	U	0.51	U	-	-	-	-	0.46	U	0.49	U	-	-	0.48	U	-	-	0.48	U	-	-
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
4-Chloroaniline	106-47-8	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
4-Nitroaniline	100-01-6	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
4-Nitrophenol	100-02-7	~	mg/kg	0.25	U	-	-	0.26	U	0.31	U	1.3	U	1.4	U	0.28	U	-	-	-	-	0.25	U	0.27	U	-	-	0.26	U	-	-	0.26	U	-	-
Acenaphthene	83-32-9	98	mg/kg	1.1		-	-	0.44		0.16	J	0.23	J	0.21	J	0.16	U	-	-	-	-	0.26		0.72		-	-	0.74		-	-	0.47		-	-
Acenaphthylene	208-96-8	107	mg/kg	1.2		-	-	0.57		0.29		0.14	J	0.27	J	0.29		-	-	-	-	0.44		0.93		-	-	0.38		-	-	0.8		-	-
Acetophenone	98-86-2	~	mg/kg	0.023	J	-	-	0.038	J	0.22	U	0.94	U	1	U	0.034	J	-	-	-	-	0.18	U	0.048	J	-	-	0.026	J	-	-	0.18	U	-	-
Anthracene	120-12-7	1000	mg/kg	4		-	-	1.1		0.46		0.68		0.5	J	0.056	J	-	-	-	-	1.3		2.4		-	-	1.7		-	-	1.9		-	-
Benzo(a)anthracene	56-55-3	1	mg/kg	**11**	E	**12**		**2.8**		**1.3**		**1.7**		**1.3**		0.21		-	-	-	-	**2.6**		**5.2**		-	-	**3.6**		-	-	**5.4**		-	-
Benzo(a)pyrene	50-32-8	22	mg/kg	9.8	E	12		3.3		1.6		1.8		1.3		0.23		-	-	-	-	2.5		4.9		-	-	3.8		-	-	5.8		-	-
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	**13**	E	**14**		**3.7**		**1.9**		**2**		1.4		0.25		-	-	-	-	**2.9**		**5.8**		-	-	**4.4**		-	-	**6.7**		-	-
Benzo(ghi)perylene	191-24-2	1000	mg/kg	5.9		-	-	2.2		0.94		1.1		0.89		0.15	J	-	-	-	-	1.5		3.1		-	-	2.2		-	-	3.7		-	-
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	**2.1**		-	-	1.1		0.49		0.58		0.46	J	0.074	J	-	-	-	-	1.1		**1.9**		-	-	1.3		-	-	**2**		-	-
Benzoic Acid	65-85-0	~	mg/kg	0.58	U	-	-	0.6	U	0.72	U	3	U	3.3	U	0.64	U	-	-	-	-	0.58	U	0.62	U	-	-	0.6	U	-	-	0.6	U	-	-
Benzyl Alcohol	100-51-6	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.25		-	-	0.18	U	-	-
Biphenyl	92-52-4	~	mg/kg	0.15	J	-	-	0.07	J	0.041	J	2.2	U	2.3	U	0.027	J	-	-	-	-	0.057	J	0.11	J	-	-	0.11	J	-	-	0.099	J	-	-
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	0.19	U	-	-	0.2	U	0.24	U	1	U	1.1	U	0.21	U	-	-	-	-	0.19	U	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	0.16	U	-	-	0.17	U	0.2	U	0.85	U	0.91	U	0.18	U	-	-	-	-	0.16	U	0.17	U	-	-	0.17	U	-	-	0.16	U	-	-
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	0.22	U	-	-	0.22	U	0.27	U	1.1	U	1.2	U	0.24	U	-	-	-	-	0.21	U	0.23	U	-	-	0.22	U	-	-	0.22	U	-	-
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.1	J	-	-	0.19	U	-	-	0.068	J	-	-
Butyl benzyl phthalate	85-68-7	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
Carbazole	86-74-8	~	mg/kg	1.5		-	-	0.38		0.18	J	0.23	J	0.17	J	0.2	U	-	-	-	-	0.29		0.94		-	-	0.77		-	-	0.75		-	-
Chrysene	218-01-9	1	mg/kg	**8.7**	E	**11**		**3**		**1.4**		**1.7**		**1.3**		0.28		-	-	-	-	**2.7**		**5.6**		-	-	**3.8**		-	-	**5.3**		-	-
Di-n-butylphthalate	84-74-2	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
Di-n-octylphthalate	117-84-0	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	1.3		-	-	0.42		0.19		0.26	J	0.22	J	0.047	J	-	-	-	-	0.34		0.73		-	-	0.5		-	-	0.78		-	-
Dibenzofuran	132-64-9	210	mg/kg	0.9		-	-	0.28		0.15	J	0.13	J	0.14	J	0.021	J	-	-	-	-	0.29		0.55		-	-	0.62		-	-	0.44		-	-
Diethyl phthalate	84-66-2	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
Dimethyl phthalate	131-11-3	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
Fluoranthene	206-44-0	1000	mg/kg	22	E	26		5.3		2.8		3.6		2.3		0.21		-	-	-	-	5		8.4	E	11		8.1	E	10		12	E	11	
Fluorene	86-73-7	386	mg/kg	1.4		-	-	0.42		0.17	J	0.24	J	0.21	J	0.029	J	-	-	-	-	0.38		0.67		-	-	0.8		-	-	0.53		-	-
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.11	U	-	-	0.11	U	0.13	U	0.56	U	0.6	U	0.12	U	-	-	-	-	0.11	U	0.11	U	-	-	0.11	U	-	-	0.11	U	-	-
Hexachlorobutadiene	87-68-3	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	0.51	U	-	-	0.53	U	0.63	U	2.7	U	2.9	U	0.56	U	-	-	-	-	0.51	U	0.54	U	-	-	0.53	U	-	-	0.53	U	-	-
Hexachloroethane	67-72-1	~	mg/kg	0.14	U	-	-	0.15	U	0.18	U	0.75	U	0.81	U	0.16	U	-	-	-	-	0.14	U	0.15	U	-	-	0.15	U	-	-	0.15	U	-	-
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	6.7		-	-	2.2		0.98		0.91		0.7	J	0.13	J	-	-	-	-	1.6		3.2		-	-	2.4		-	-	3.3		-	-
Isophorone	78-59-1	~	mg/kg	0.16	U	-	-	0.17	U	0.2	U	0.85	U	0.91	U	0.18	U	-	-	-	-	0.16	U	0.17	U	-	-	0.17	U	-	-	0.16	U	-	-
n-Nitrosodi-n-propylamine	621-64-7	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
Naphthalene	91-20-3	12	mg/kg	0.97		-	-	0.38		0.27		0.94	U	0.34	J	0.21		-	-	-	-	0.32		0.83		-	-	0.9		-	-	0.64		-	-
NDPA/DPA	86-30-6	~	mg/kg	0.14	U	-	-	0.15	U	0.18	U	0.75	U	0.81	U	0.16	U	-	-	-	-	0.14	U	0.15	U	-	-	0.15	U	-	-	0.15	U	-	-
Nitrobenzene	98-95-3	~	mg/kg	0.16	U	-	-	0.17	U	0.2	U	0.85	U	0.91	U	0.18	U	-	-	-	-	0.16	U	0.17	U	-	-	0.17	U	-	-	0.16	U	-	-
p-Chloro-m-cresol	59-50-7	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
Pentachlorophenol	87-86-5	0.8	mg/kg	0.14	U	-	-	0.15	U	0.18	U	0.75	U	0.81	U	0.16	U	-	-	-	-	0.14	U	0.15	U	-	-	0.15	U	-	-	0.15	U	-	-
Phenanthrene	85-01-8	1000	mg/kg	15	E	17		4.2		2		2.7		1.8		0.16		-	-	-	-	4.2		8.1	E	9.7		7.8	E	9.9		7.4	E	6.8	
Phenol	108-95-2	0.33	mg/kg	0.057	J	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.055	J	0.12	J	-	-	0.034	J	-	-	0.18	U	-	-
Pyrene	129-00-0	1000	mg/kg	20	E	23		5		2.6		3.2		2.4		0.34		-	-	-	-	4.4		7.7	E	9.8		7.1		-	-	11	E	10	
Total Metals																																			
Aluminum, Total	7429-90-5	~	mg/kg	4300		-	-	4770		-	-	-	-	-	-	7330		-	-	4590		4820		-	-	3880		-	-	5100		-	-		
Antimony, Total	7440-36-0	~	mg/kg	1.17	J	-	-	3.45	J	-	-	-	-	-	-	4.63	U	-	-	4.21	U	10.3		-	-	5.64		-	-	8.25		-	-		
Arsenic, Total	7440-38-2	16	mg/kg	9.95		-	-	10.5		14.1		11.4		13.3		11.4		11.9		-	-	5.42		**33.5**		-	-	11.5		-	-	11.3		-	-
Barium, Total	7440-39-3	820	mg/kg	187		-	-	158		-	-	-	-	-	-	-	-	223		-	-	84.6		506		-	-	152		-	-	211		-	-
Beryllium, Total	7440-41-7	47	mg/kg	0.319	J	-	-	0.37	J	-	-	-	-	-	-	-	-	0.16	J	-	-	0.327	J	0.362	J	-	-	0.496		-	-	0.545		-	-
Cadmium, Total	7440-43-9	7.5	mg/kg	0.525	J	-	-	0.394	J	-	-	-	-	-	-	-	-	0.926	U	-	-	0.283	J	1.64		-	-	1.18		-	-	2.21		-	-
Calcium, Total	7440-70-2	~	mg/kg	14900		-	-	26000		-	-	-	-	-	-	-	-	62500		-	-	16500		26300		-	-	10900		-	-	19400		-	-
Chromium, Total	7440-47-3	~	mg/kg	12.1		-	-	12.4		-	-	-	-	-	-	-	-	8.16		-	-	12.3		26.1		-	-	12.1		-	-	16.5		-	-
Cobalt, Total	7440-48-4	~	mg/kg	4.31		-	-	4.9		-	-	-	-	-	-	-	-	4.89		-	-	6.84		10.8		-	-	9.58		-	-	9.77		-	-
Copper, Total	7440-50-8	1720	mg/kg	88		-	-	79		-	-	-	-	-	-	-	-	25.6		-	-	35.6		221		-	-	229		-	-	118		-	-
Iron, Total	7439-89-6	~	mg/kg	13200		-	-	12300		-	-	-	-	-	-	-	-	11900		-	-	13600		33800		-	-	15400		-	-	18100		-	-
Lead, Total	7439-92-1	450	mg/kg	396		-	-	324		-	-	-	-	-	-	-	-	38.8		-	-	245		**992**		-	-	333		-	-	**485**		-	-
Magnesium, Total	7439-95-4	~	mg/kg	3170		-	-	7360		-	-	-	-	-	-	-	-	2800		-	-	4970		3440		-	-	2090		-	-	3150		-	-
Manganese, Total	7439-96-5	2000	mg/kg	192		-	-	167		-	-	-	-	-	-	-	-	201		-	-	225		532		-	-	251		-	-	262		-	-
Mercury, Total	7439-97-6	0.73	mg/kg	0.633		-	-	**1.03**		-	-	-	-	-	-	-	-	0.172		-	-	0.391		**3.14**		-	-	**0.797**		-	-	**1.16**		-	-
Nickel, Total	7440-02-0	130	mg/kg	18.9		-	-	20.2		-	-	-	-	-	-	-	-	13		-	-	37.1		42.7		-	-	24.5		-	-	24.9		-	-
Potassium, Total	7440-09-7	~	mg/kg	651		-	-	705		-	-	-	-	-	-	-	-	513		-	-	753		1060		-	-	768		-	-	1110		-	-
Selenium, Total	7782-49-2	4	mg/kg	0.405	J	-	-	0.665	J	-	-	-	-	-	-	-	-	0.606	J	-	-	0.297	J	1.01	J	-	-	0.897	J	-	-	0.273	J	-	-
Silver, Total	7440-22-4	8.3	mg/kg	0.422	U	-	-	0.5		-	-	-	-	-	-	-	-	0.463	U	-	-	0.421	U	0.738		-	-	0.45	U	-	-	0.434	U	-	-
Sodium, Total	7440-23-5	~	mg/kg	464		-	-	441		-	-	-	-	-	-	-	-	329		-	-	153	J	385		-	-	171	J	-	-	275		-	-
Thallium, Total	7440-28-0	~	mg/kg	0.485	J	-	-	1.75	U	-	-	-	-	-	-	-	-	0.376	J	-	-	0.44	J	0.399	J	-	-	0.485	J	-	-	0.371	J	-	-
Vanadium, Total	7440-62-2	~	mg/kg	16.2		-	-	16.6		-	-	-	-	-	-	-	-	11.2		-	-	16.1		52.2		-	-	15.7		-	-	24.2		-	-
Zinc, Total	7440-66-6	2480	mg/kg	275		-	-	225		-	-	-	-	-	-	-	-	59.3		-	-	478		694		-	-	327		-	-	1550		-	-
Volatile Organics by EPA 5035																																			
1,1,1,2-Tetrachloroethane	630-20-6	~	mg/kg	0.00069	U	-	-	0.00074	U	-	-	-	-	-	-	-	-	0.00099	U	0.00095	U	0.00054	U	0.00059	U	-	-	0.00068	U	-	-	0.00051	U	-	-
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	0.00069	U	-	-	0.00074	U	-	-	-	-	-	-	-	-	0.00099	U	0.00095	U	0.00054	U	0.00059	U	-	-	0.00068	U	-	-	0.00051	U	-	-
1,1,2,2-Tetrachloroethane	79-34-5	~	mg/kg	0.00069	U	-	-	0.00074	U	-	-	-	-	-	-	-	-	0.00099	U	0.00095	U	0.00054	U	0.00059	U	-	-	0.00068	U	-	-	0.00051	U	-	-

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-55		EP-55		EP-56-111623		EP-57-120423		EP-58-120423		EP-59-120423		EP-60-112723		EP-60-112723		EP-60-112723		EP-61-103123		EP-62-103123		EP-62-103123		EP-63-110123		EP-63-110123		EP-64-110223		EP-64-110223	
SAMPLING DATE				11/17/2023		11/17/2023		11/16/2023		12/4/2023		12/4/2023		12/4/2023		11/27/2023		11/27/2023		11/27/2023		10/31/2023		10/31/2023		10/31/2023		11/1/2023		11/1/2023		11/2/2023		11/2/2023	
LAB SAMPLE ID				L2368694-03		L2368694-03 R1		L2368313-05		L2371219-18		L2371219-12		L2371219-09		L2369780-03		L2373088-02		L2373088-02 R1		L2364557-01		L2364557-04		L2364557-04 R1		L2364895-03		L2364895-03 R1		L2365118-03		L2365118-03 R1	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																			
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1,2-Trichloroethane	79-00-5	~	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
1,1-Dichloroethane	75-34-3	0.27	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
1,1-Dichloroethene	75-35-4	0.33	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
1,1-Dichloropropene	563-58-6	~	mg/kg	0.00069	U	-	-	0.00074	U	-	-	-	-	-	-	-	-	0.00099	U	0.00095	U	0.00054	U	0.00059	U	-	-	0.00068	U	-	-	0.00051	U	-	-
1,2,3-Trichlorobenzene	87-61-6	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
1,2,3-Trichloropropane	96-18-4	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
1,2,4,5-Tetramethylbenzene	95-93-2	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.00037	J	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.00083	J	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
1,2-Dibromo-3-chloropropane	96-12-8	~	mg/kg	0.0041	U	-	-	0.0044	U	-	-	-	-	-	-	-	-	0.0059	U	0.0057	U	0.0032	U	0.0035	U	-	-	0.004	U	-	-	0.003	U	-	-
1,2-Dibromoethane	106-93-4	~	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
1,2-Dichloroethane	107-06-2	0.02	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
1,2-Dichloroethene, Total	540-59-0	~	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.00076	J	-	-
1,2-Dichloropropane	78-87-5	~	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
1,3-Dichloropropane	142-28-9	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
1,3-Dichloropropene, Total	542-75-6	~	mg/kg	0.00069	U	-	-	0.00074	U	-	-	-	-	-	-	-	-	0.00099	U	0.00095	U	0.00054	U	0.00059	U	-	-	0.00068	U	-	-	0.00051	U	-	-
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
1,4-Dioxane	123-91-1	0.1	mg/kg	0.11	U	-	-	0.12	U	-	-	-	-	-	-	-	-	0.16	U	0.15	U	0.086	U	0.094	U	-	-	0.11	U	-	-	0.081	U	-	-
2,2-Dichloropropane	594-20-7	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
2-Butanone	78-93-3	0.12	mg/kg	0.014	U	-	-	0.015	U	-	-	-	-	-	-	-	-	0.02	U	0.019	U	0.011	U	0.012	U	-	-	0.014	U	-	-	0.01	U	-	-
2-Hexanone	591-78-6	~	mg/kg	0.014	U	-	-	0.015	U	-	-	-	-	-	-	-	-	0.02	U	0.019	U	0.011	U	0.012	U	-	-	0.014	U	-	-	0.01	U	-	-
4-Methyl-2-pentanone	108-10-1	~	mg/kg	0.014	U	-	-	0.015	U	-	-	-	-	-	-	-	-	0.02	U	0.019	U	0.011	U	0.012	U	-	-	0.014	U	-	-	0.01	U	-	-
Acetone	67-64-1	0.05	mg/kg	0.014	U	-	-	0.015	U	-	-	-	-	-	-	-	-	0.02	U	0.019	U	0.011		0.012	U	-	-	0.014	U	-	-	0.01	U	-	-
Acrylonitrile	107-13-1	~	mg/kg	0.0055	U	-	-	0.0059	U	-	-	-	-	-	-	-	-	0.0079	U	0.0076	U	0.0043	U	0.0047	U	-	-	0.0054	U	-	-	0.0041	U	-	-
Benzene	71-43-2	0.06	mg/kg	0.00069	U	-	-	0.00074	U	-	-	-	-	-	-	-	-	0.0013		0.0016		0.00054	U	0.00059	U	-	-	0.00068	U	-	-	0.00051	U	-	-
Bromobenzene	108-86-1	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
Bromochloromethane	74-97-5	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
Bromodichloromethane	75-27-4	~	mg/kg	0.00069	U	-	-	0.00074	U	-	-	-	-	-	-	-	-	0.00099	U	0.00095	U	0.00054	U	0.00059	U	-	-	0.00068	U	-	-	0.00051	U	-	-
Bromoform	75-25-2	~	mg/kg	0.0055	U	-	-	0.0059	U	-	-	-	-	-	-	-	-	0.0079	U	0.0076	U	0.0043	U	0.0047	U	-	-	0.0054	U	-	-	0.0041	U	-	-
Bromomethane	74-83-9	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
Carbon disulfide	75-15-0	~	mg/kg	0.014	U	-	-	0.015	U	-	-	-	-	-	-	-	-	0.027		0.019	U	0.011	U	0.012	U	-	-	0.014	U	-	-	0.01	U	-	-
Carbon tetrachloride	56-23-5	0.76	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
Chlorobenzene	108-90-7	1.1	mg/kg	0.00069	U	-	-	0.00074	U	-	-	-	-	-	-	-	-	0.00099	U	0.00095	U	0.00054	U	0.00059	U	-	-	0.00068	U	-	-	0.00051	U	-	-
Chloroethane	75-00-3	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
Chloroform	67-66-3	0.37	mg/kg	0.0021	U	-	-	0.0022	U	-	-	-	-	-	-	-	-	0.0011	J	0.00093	J	0.0016	U	0.0018	U	-	-	0.002	U	-	-	0.0015	U	-	-
Chloromethane	74-87-3	~	mg/kg	0.0055	U	-	-	0.0059	U	-	-	-	-	-	-	-	-	0.0079	U	0.0076	U	0.0043	U	0.0047	U	-	-	0.0054	U	-	-	0.0041	U	-	-
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.00076	J	-	-
cis-1,3-Dichloropropene	10061-01-5	~	mg/kg	0.00069	U	-	-	0.00074	U	-	-	-	-	-	-	-	-	0.00099	U	0.00095	U	0.00054	U	0.00059	U	-	-	0.00068	U	-	-	0.00051	U	-	-
Dibromochloromethane	124-48-1	~	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
Dibromomethane	74-95-3	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
Dichlorodifluoromethane	75-71-8	~	mg/kg	0.014	U	-	-	0.015	U	-	-	-	-	-	-	-	-	0.02	U	0.019	U	0.011	U	0.012	U	-	-	0.014	U	-	-	0.01	U	-	-
Ethyl ether	60-29-7	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
Ethylbenzene	100-41-4	1	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.00037	J	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
Hexachlorobutadiene	87-68-3	~	mg/kg	0.0055	U	-	-	0.0059	U	-	-	-	-	-	-	-	-	0.0079	U	0.0076	U	0.0043	U	0.0047	U	-	-	0.0054	U	-	-	0.0041	U	-	-
Isopropylbenzene	98-82-8	~	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.00031	J	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.0012	J	0.00093	J	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
Methylene chloride	75-09-2	0.05	mg/kg	0.0069	U	-	-	0.0074	U	-	-	-	-	-	-	-	-	0.0099	U	0.0095	U	0.0054	U	0.0059	U	-	-	0.0068	U	-	-	0.0051	U	-	-
n-Butylbenzene	104-51-8	12	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
n-Propylbenzene	103-65-1	3.9	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0002	J	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
Naphthalene	91-20-3	12	mg/kg	0.0055	U	-	-	0.0059	U	-	-	-	-	-	-	-	-	0.0079	U	0.0076	U	0.0043	U	0.001	J	-	-	0.0054	U	-	-	0.0041	U	-	-
o-Chlorotoluene	95-49-8	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
o-Xylene	95-47-6	~	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
p-Chlorotoluene	106-43-4	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
p-Diethylbenzene	105-05-5	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
p-Ethyltoluene	622-96-8	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.0012	J	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
p-Isopropyltoluene	99-87-6	~	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.00031	J	-	-	0.0014	U	-	-	0.00078	J	-	-
p/m-Xylene	179601-23-1	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
sec-Butylbenzene	135-98-8	11	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.00024	J	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
Styrene	100-42-5	~	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
tert-Butylbenzene	98-06-6	5.9	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.00017	J	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
Tetrachloroethene	127-18-4	1.3	mg/kg	0.00092		-	-	0.0011		-	-	-	-	-	-	-	-	0.00099	U	0.00095	U	0.00054	U	0.00064		-	-	0.00082		-	-	0.013		-	-
Toluene	108-88-3	0.7	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	0.0021	U	-	-	0.0022	U	-	-	-	-	-	-	-	-	0.003	U	0.0029	U	0.0016	U	0.0018	U	-	-	0.002	U	-	-	0.0015	U	-	-
trans-1,3-Dichloropropene	10061-02-6	~	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
trans-1,4-Dichloro-2-butene	110-57-6	~	mg/kg	0.0069	U	-	-	0.0074	U	-	-	-	-	-	-	-	-	0.0099	U	0.0095	U	0.0054	U	0.0059	U	-	-	0.0068	U	-	-	0.0051	U	-	-
Trichloroethene	79-01-6	0.47	mg/kg	0.00069	U	-	-	0.00074	U	-	-	-	-	-	-	-	-	0.00099	U	0.00095	U	0.00054	U	0.00059	U	-	-	0.00068	U	-	-	0.0019		-	-
Trichlorofluoromethane	75-69-4	~	mg/kg	0.0055	U	-	-	0.0059	U	-	-	-	-	-	-	-	-	0.0079	U	0.0076	U	0.0043	U	0.0047	U	-	-	0.0054	U	-	-	0.0041	U	-	-
Vinyl acetate	108-05-4	~	mg/kg	0.014	U	-	-	0.015	U	-	-	-	-	-	-	-	-	0.02	U	0.019	U	0.011	U	0.012	U	-	-	0.014	U	-	-	0.01	U	-	-
Vinyl chloride	75-01-4	0.02	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
Xylenes, Total	1330-20-7	1.6	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-

* Comparison is not performed on parameters with non-numeric criteria.
Exceedances are in Bold
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use C

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-65-110323		EP-65-110323		EP-66-111023		EP-66-111023		EP-67-111023		EP-67-111023		EP-68-111323		EP-68-111323		EP-69-111523		EP-69-111523		EP-70-111523		EP-71-111623		EP-71-111623		EP-72-111623		EP-72-111623	
SAMPLING DATE				11/3/2023		11/3/2023		11/10/2023		11/10/2023		11/10/2023		11/10/2023		11/13/2023		11/13/2023		11/15/2023		11/15/2023		11/15/2023		11/16/2023		11/16/2023		11/16/2023		11/16/2023	
LAB SAMPLE ID				L2365622-03		L2365622-03 R1		L2367176-06		L2367176-06 R1		L2367176-10		L2367176-10 R1		L2367392-03		L2367392-03 R1		L2367903-01		L2367903-01 R1		L2367903-05		L2368313-02		L2368313-02 R1		L2368313-04		L2372857-02	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																																	
Chromium, Hexavalent	18540-29-9	19	mg/kg	0.922	U	-	-	0.862	U	-	-	0.886	U	-	-	0.908	U	-	-	0.894	U	-	-	0.208	J	0.896	U	-	-	0.86	U	-	-
Cyanide, Total	57-12-5	40	mg/kg	0.31	J	-	-	0.22	J	-	-	0.36	J	-	-	0.54	J	-	-	1.1	U	-	-	0.25	J	0.27	J	-	-	1	U	-	-
Solids, Total	NONE	~	%	86.8		-	-	92.8		-	-	90.3		-	-	88.1		-	-	89.5		-	-	86.5		89.3		-	-	93		93	
Organochlorine Pesticides by GC																																	
4,4'-DDD	72-54-8	14	mg/kg	0.00433		-	-	0.00168	U	-	-	0.00786		-	-	0.00178	U	-	-	0.00172	J	-	-	0.00173	J	0.00176	U	-	-	0.00118	JIP	-	-
4,4'-DDE	72-55-9	17	mg/kg	0.00197	IP	-	-	0.00244		-	-	0.00175	U	-	-	0.00137	JIP	-	-	0.00177	U	-	-	0.000618	JIP	0.00176	U	-	-	0.00622		-	-
4,4'-DDT	50-29-3	136	mg/kg	0.00691	IP	-	-	0.00168	U	-	-	0.00175	U	-	-	0.0102		-	-	0.00177	U	-	-	0.00186		0.00176	U	-	-	0.00673		-	-
Aldrin	309-00-2	0.19	mg/kg	0.00183	U	-	-	0.00168	U	-	-	0.00175	U	-	-	0.00178	U	-	-	0.00177	U	-	-	0.00177	U	0.00176	U	-	-	0.00164	U	-	-
Alpha-BHC	319-84-6	0.02	mg/kg	0.000761	U	-	-	0.000702	U	-	-	0.00073	U	-	-	0.000742	U	-	-	0.000737	U	-	-	0.000738	U	0.000735	U	-	-	0.000684	U	-	-
Beta-BHC	319-85-7	0.09	mg/kg	0.00183	U	-	-	0.00168	U	-	-	0.00175	U	-	-	0.00178	U	-	-	0.00177	U	-	-	0.00177	U	0.00176	U	-	-	0.00164	U	-	-
Chlordane	57-74-9	~	mg/kg	0.0152	U	-	-	0.014	U	-	-	0.0146	U	-	-	0.0148	U	-	-	0.0147	U	-	-	0.0148	U	0.0147	U	-	-	0.029		-	-
cis-Chlordane	5103-71-9	2.9	mg/kg	0.00228	U	-	-	0.0021	U	-	-	0.00219	U	-	-	0.00223	U	-	-	0.00221	U	-	-	0.00221	U	0.0022	U	-	-	0.00445		-	-
Delta-BHC	319-86-8	0.25	mg/kg	0.00183	U	-	-	0.00168	U	-	-	0.00175	U	-	-	0.00178	U	-	-	0.00177	U	-	-	0.00177	U	0.00176	U	-	-	0.00164	U	-	-
Dieldrin	60-57-1	0.1	mg/kg	0.00114	U	-	-	0.00105	U	-	-	0.0011	U	-	-	0.00111	U	-	-	0.0011	U	-	-	0.00111	U	0.0011	U	-	-	0.00103	U	-	-
Endosulfan I	959-98-8	102	mg/kg	0.00183	U	-	-	0.00168	U	-	-	0.00175	U	-	-	0.00178	U	-	-	0.00177	U	-	-	0.00177	U	0.00176	U	-	-	0.00164	U	-	-
Endosulfan II	33213-65-9	102	mg/kg	0.00183	U	-	-	0.00168	U	-	-	0.00175	U	-	-	0.00178	U	-	-	0.00177	U	-	-	0.00177	U	0.00176	U	-	-	0.00164	U	-	-
Endosulfan sulfate	1031-07-8	1000	mg/kg	0.000761	U	-	-	0.000702	U	-	-	0.00073	U	-	-	0.000742	U	-	-	0.000737	U	-	-	0.000738	U	0.000735	U	-	-	0.000684	U	-	-
Endrin	72-20-8	0.06	mg/kg	0.000761	U	-	-	0.000702	U	-	-	0.00073	U	-	-	0.000742	U	-	-	0.000737	U	-	-	0.000738	U	0.000735	U	-	-	0.000684	U	-	-
Endrin aldehyde	7421-93-4	~	mg/kg	0.00228	U	-	-	0.0021	U	-	-	0.00219	U	-	-	0.00223	U	-	-	0.00221	U	-	-	0.00221	U	0.0022	U	-	-	0.00205	U	-	-
Endrin ketone	53494-70-5	~	mg/kg	0.00183	U	-	-	0.00168	U	-	-	0.00175	U	-	-	0.00178	U	-	-	0.00177	U	-	-	0.00177	U	0.00176	U	-	-	0.00164	U	-	-
Heptachlor	76-44-8	0.38	mg/kg	0.000913	U	-	-	0.000842	U	-	-	0.000876	U	-	-	0.000891	U	-	-	0.000884	U	-	-	0.000885	U	0.000882	U	-	-	0.000821	U	-	-
Heptachlor epoxide	1024-57-3	~	mg/kg	0.00342	U	-	-	0.00316	U	-	-	0.00328	U	-	-	0.00334	U	-	-	0.00332	U	-	-	0.00332	U	0.00331	U	-	-	0.00308	U	-	-
Lindane	58-89-9	0.1	mg/kg	0.000761	U	-	-	0.000702	U	-	-	0.00073	U	-	-	0.000742	U	-	-	0.000737	U	-	-	0.000738	U	0.000735	U	-	-	0.000684	U	-	-
Methoxychlor	72-43-5	~	mg/kg	0.00342	U	-	-	0.00316	U	-	-	0.00328	U	-	-	0.00334	U	-	-	0.00332	U	-	-	0.00332	U	0.00331	U	-	-	0.00308	U	-	-
Toxaphene	8001-35-2	~	mg/kg	0.0342	U	-	-	0.0316	U	-	-	0.0328	U	-	-	0.0334	U	-	-	0.0332	U	-	-	0.0332	U	0.0331	U	-	-	0.0308	U	-	-
trans-Chlordane	5103-74-2	~	mg/kg	0.00228	U	-	-	0.0021	U	-	-	0.00219	U	-	-	0.00223	U	-	-	0.00221	U	-	-	0.00221	U	0.0022	U	-	-	0.00399		-	-
Perfluorinated Alkyl Acids by EPA 1633																																	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000775	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2	27619-97-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000775	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	2991-50-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U
N-Methyl Perfluorooctanesulfonamidoacetic Ac	2355-31-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000054	JF
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000775	U
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000054	J
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000139	J
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.00105**	
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000112	J
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000387	U
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U
PFOA/PFOS, Total	null	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00116	J
Polychlorinated Biphenyls by GC																																	
Aroclor 1016	12674-11-2	3.2	mg/kg	0.0549	U	-	-	0.0511	U	-	-	0.0526	U	-	-	0.0556	U	-	-	0.0538	U	-	-	0.0564	U	0.0536	U	-	-	0.0516	U	-	-
Aroclor 1221	11104-28-2	3.2	mg/kg	0.0549	U	-	-	0.0511	U	-	-	0.0526	U	-	-	0.0556	U	-	-	0.0538	U	-	-	0.0564	U	0.0536	U	-	-	0.0516	U	-	-
Aroclor 1232	11141-16-5	3.2	mg/kg	0.0549	U	-	-	0.0511	U	-	-	0.0526	U	-	-	0.0556	U	-	-	0.0538	U	-	-	0.0564	U	0.0536	U	-	-	0.0516	U	-	-
Aroclor 1242	53469-21-9	3.2	mg/kg	0.0549	U	-	-	0.0511	U	-	-	0.0526	U	-	-	0.0556	U	-	-	0.0538	U	-	-	0.0564	U	0.0536	U	-	-	0.0516	U	-	-
Aroclor 1248	12672-29-6	3.2	mg/kg	0.0549	U	-	-	0.0511	U	-	-	0.0526	U	-	-	0.0556	U	-	-	0.0538	U	-	-	0.0564	U	0.0536	U	-	-	0.0516	U	-	-
Aroclor 1254	11097-69-1	3.2	mg/kg	0.0808		-	-	0.0425	J	-	-	0.324		-	-	0.015	J	-	-	0.0128	J	-	-	0.0107	J	0.0536	U	-	-	0.0158	J	-	-
Aroclor 1260	11096-82-5	3.2	mg/kg	0.0512	J	-	-	0.0511	U	-	-	0.0526	U	-	-	0.0556	U	-	-	0.0112	J	-	-	0.0564	U	0.0536	U	-	-	0.0282	JP	-	-
Aroclor 1262	37324-23-5	3.2	mg/kg	0.0549	U	-	-	0.0511	U	-	-	0.0526	U	-	-	0.0556	U	-	-	0.0538	U	-	-	0.0564	U	0.0536	U	-	-	0.0516	U	-	-
Aroclor 1268	11100-14-4	3.2	mg/kg	0.0265	J	-	-	0.0511	U	-	-	0.0526	U	-	-	0.0556	U	-	-	0.0538	U	-	-	0.0564	U	0.0536	U	-	-	0.00849	J	-	-
PCBs, Total	1336-36-3	3.2	mg/kg	0.159	J	-	-	0.0425	J	-	-	0.324		-	-	0.015	J	-	-	0.024	J	-	-	0.0107	J	0.0536	U	-	-	0.0525	J	-	-
Semivolatile Organics by GC/MS																																	
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.19	U	-	-	0.18	U	-	-	0.037	J	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
1,4-Dioxane	123-91-1	0.1	mg/kg	0.028	U	-	-	0.026	U	-	-	0.027	U	-	-	0.028	U	-	-	0.028	U	-	-	0.028	U	0.028	U	-	-	0.026	U	-	-
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	0.11	U	-	-	0.1	U	-	-	0.11	U	-	-	0.11	U	-	-	0.11	U	-	-	0.11	U	0.11	U	-	-	0.1	U	-	-
2,4-Dichlorophenol	120-83-2	~	mg/kg	0.17	U	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	-	-	0.17	U	0.17	U	-	-	0.16	U	-	-
2,4-Dimethylphenol	105-67-9	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
2,4-Dinitrophenol	51-28-5	~	mg/kg	0.9	U	-	-	0.84	U	-	-	0.86	U	-	-	0.88	U	-	-	0.88	U	-	-	0.91	U	0.89	U	-	-	0.84	U	-	-
2,4-Dinitrotoluene	121-14-2	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
2,6-Dinitrotoluene	606-20-2	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
2-Chloronaphthalene	91-58-7	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
2-Chlorophenol	95-57-8	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
2-Methylnaphthalene	91-57-6	~	mg/kg	0.45		-	-	0.44		-	-	0.55		-	-	0.2	J	-	-	0.66		-	-	0.069	J	0.37		-	-	0.041	J	-	-
2-Methylphenol	95-48-7	0.33	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-65-110323		EP-65-110323		EP-66-111023		EP-66-111023		EP-67-111023		EP-67-111023		EP-68-111323		EP-68-111323		EP-69-111523		EP-69-111523		EP-70-111523		EP-71-111623		EP-71-111623		EP-72-111623		EP-72-111623	
SAMPLING DATE				11/3/2023		11/3/2023		11/10/2023		11/10/2023		11/10/2023		11/10/2023		11/13/2023		11/13/2023		11/15/2023		11/15/2023		11/15/2023		11/16/2023		11/16/2023		11/16/2023		11/16/2023	
LAB SAMPLE ID				L2365622-03		L2365622-03 R1		L2367176-06		L2367176-06 R1		L2367176-10		L2367176-10 R1		L2367392-03		L2367392-03 R1		L2367903-01		L2367903-01 R1		L2367903-05		L2368313-02		L2368313-02 R1		L2368313-04		L2372857-02	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Nitroaniline	88-74-4	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
2-Nitrophenol	88-75-5	~	mg/kg	0.4	U	-	-	0.38	U	-	-	0.39	U	-	-	0.4	U	-	-	0.4	U	-	-	0.41	U	0.4	U	-	-	0.38	U	-	-
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	mg/kg	0.08	J	-	-	0.086	J	-	-	0.059	J	-	-	0.036	J	-	-	0.08	J	-	-	0.27	U	0.069	J	-	-	0.25	U	-	-
3-Nitroaniline	99-09-2	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	0.49	U	-	-	0.46	U	-	-	0.46	U	-	-	0.48	U	-	-	0.48	U	-	-	0.49	U	0.48	U	-	-	0.46	U	-	-
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
4-Chloroaniline	106-47-8	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
4-Nitroaniline	100-01-6	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
4-Nitrophenol	100-02-7	~	mg/kg	0.26	U	-	-	0.25	U	-	-	0.25	U	-	-	0.26	U	-	-	0.26	U	-	-	0.26	U	0.26	U	-	-	0.25	U	-	-
Acenaphthene	83-32-9	98	mg/kg	0.77		-	-	1		-	-	0.68		-	-	0.49		-	-	1.7		-	-	0.24		0.6		-	-	0.042	J	-	-
Acenaphthylene	208-96-8	107	mg/kg	0.77		-	-	1.5		-	-	0.98		-	-	0.83		-	-	1.1		-	-	0.79		0.61		-	-	0.11	J	-	-
Acetophenone	98-86-2	~	mg/kg	0.081	J	-	-	0.04	J	-	-	0.11	J	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
Anthracene	120-12-7	1000	mg/kg	1.9		-	-	3.8		-	-	2.2		-	-	1.8		-	-	4.2		-	-	0.96		2		-	-	0.18		-	-
Benzo(a)anthracene	56-55-3	1	mg/kg	**4.7**		-	-	**11**	E	**11**		**5.2**		-	-	**4.9**		-	-	**9.6**	E	**10**		**3.6**		**4.5**		-	-	0.58		-	-
Benzo(a)pyrene	50-32-8	22	mg/kg	4.6		-	-	13	E	12		5.8		-	-	5.4		-	-	8.6	E	9.3		4.1		4.6		-	-	0.68		-	-
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	**5.5**		-	-	**12**	E	**13**		**6.6**		-	-	**6.3**		-	-	**11**	E	**11**		**5.1**		**5.2**		-	-	0.83		-	-
Benzo(ghi)perylene	191-24-2	1000	mg/kg	3		-	-	6.2		-	-	3.2		-	-	3.2		-	-	5		-	-	2.2		2.7		-	-	0.43		-	-
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	1.5		-	-	**6**		-	-	**1.8**		-	-	1.3		-	-	**2.2**		-	-	1.1		1.2		-	-	0.21		-	-
Benzoic Acid	65-85-0	~	mg/kg	0.6	U	-	-	0.57	U	-	-	0.58	U	-	-	0.6	U	-	-	0.59	U	-	-	0.61	U	0.6	U	-	-	0.57	U	-	-
Benzyl Alcohol	100-51-6	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
Biphenyl	92-52-4	~	mg/kg	0.14	J	-	-	0.17	J	-	-	0.22	J	-	-	0.064	J	-	-	0.2	J	-	-	0.43	U	0.12	J	-	-	0.4	U	-	-
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	0.2	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	-	-	0.19	U	-	-
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	0.17	U	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	-	-	0.17	U	0.17	U	-	-	0.16	U	-	-
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	0.22	U	-	-	0.21	U	-	-	0.21	U	-	-	0.22	U	-	-	0.22	U	-	-	0.23	U	0.22	U	-	-	0.21	U	-	-
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
Butyl benzyl phthalate	85-68-7	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
Carbazole	86-74-8	~	mg/kg	0.77		-	-	1.3		-	-	0.72		-	-	0.54		-	-	1.6		-	-	0.33		0.6		-	-	0.067	J	-	-
Chrysene	218-01-9	1	mg/kg	**4.9**		-	-	**10**	E	**10**		**4.9**		-	-	**4.8**		-	-	**7.7**	E	**9.4**		**3.3**		**4.4**		-	-	0.62		-	-
Di-n-butylphthalate	84-74-2	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
Di-n-octylphthalate	117-84-0	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	0.65		-	-	2		-	-	0.82		-	-	0.66		-	-	1.1		-	-	0.54		0.72		-	-	0.1		-	-
Dibenzofuran	132-64-9	210	mg/kg	0.59		-	-	0.77		-	-	0.69		-	-	0.32		-	-	1.1		-	-	0.14	J	0.53		-	-	0.043	J	-	-
Diethyl phthalate	84-66-2	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
Dimethyl phthalate	131-11-3	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
Fluoranthene	206-44-0	1000	mg/kg	7.7	E	14		16	E	24		9.3	E	14		8	E	8.3		15	E	21		6.2		7.5	E	12		1.1		-	-
Fluorene	86-73-7	386	mg/kg	0.82		-	-	1.1		-	-	0.84		-	-	0.58		-	-	1.9		-	-	0.27		0.7		-	-	0.069	J	-	-
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.11	U	-	-	0.1	U	-	-	0.11	U	-	-	0.11	U	-	-	0.11	U	-	-	0.11	U	0.11	U	-	-	0.1	U	-	-
Hexachlorobutadiene	87-68-3	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	0.53	U	-	-	0.5	U	-	-	0.51	U	-	-	0.53	U	-	-	0.52	U	-	-	0.54	U	0.53	U	-	-	0.5	U	-	-
Hexachloroethane	67-72-1	~	mg/kg	0.15	U	-	-	0.14	U	-	-	0.14	U	-	-	0.15	U	-	-	0.15	U	-	-	0.15	U	0.15	U	-	-	0.14	U	-	-
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	3		-	-	6		-	-	2.8		-	-	3.4		-	-	5.8		-	-	2.5		2.8		-	-	0.45		-	-
Isophorone	78-59-1	~	mg/kg	0.17	U	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	-	-	0.17	U	0.17	U	-	-	0.16	U	-	-
n-Nitrosodi-n-propylamine	621-64-7	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
Naphthalene	91-20-3	12	mg/kg	0.85		-	-	0.86		-	-	1		-	-	0.39		-	-	1.2		-	-	0.14	J	0.62		-	-	0.061	J	-	-
NDPA/DPA	86-30-6	~	mg/kg	0.15	U	-	-	0.14	U	-	-	0.14	U	-	-	0.15	U	-	-	0.15	U	-	-	0.15	U	0.15	U	-	-	0.14	U	-	-
Nitrobenzene	98-95-3	~	mg/kg	0.17	U	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	-	-	0.17	U	0.17	U	-	-	0.16	U	-	-
p-Chloro-m-cresol	59-50-7	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
Pentachlorophenol	87-86-5	0.8	mg/kg	0.15	U	-	-	0.14	U	-	-	0.14	U	-	-	0.15	U	-	-	0.15	U	-	-	0.15	U	0.15	U	-	-	0.14	U	-	-
Phenanthrene	85-01-8	1000	mg/kg	7.5		-	-	12	E	14		7.7	E	9.8		5.8		-	-	13	E	16		3.1		5.9		-	-	0.68		-	-
Phenol	108-95-2	0.33	mg/kg	0.055	J	-	-	0.068	J	-	-	0.047	J	-	-	0.18	U	-	-	0.053	J	-	-	0.19	U	0.04	J	-	-	0.18	U	-	-
Pyrene	129-00-0	1000	mg/kg	7.1		-	-	15	E	23		8.9	E	13		7.7	E	7.9		13	E	18		5.7		7.2		-	-	1		-	-
Total Metals																																	
Aluminum, Total	7429-90-5	~	mg/kg	4180		-	-	4700		-	-	5080		-	-	4740		-	-	5480		-	-	4200		3920		-	-	4530		-	-
Antimony, Total	7440-36-0	~	mg/kg	4.87		-	-	2.02	J	-	-	3.75	J	-	-	2.56	J	-	-	2.31	J	-	-	4.85		2.5	J	-	-	128		-	-
Arsenic, Total	7440-38-2	16	mg/kg	**17.2**		-	-	13.9		-	-	**23.2**		-	-	15.7		-	-	10.4		-	-	10.8		10		-	-	5.18		-	-
Barium, Total	7440-39-3	820	mg/kg	182		-	-	180		-	-	193		-	-	169		-	-	172		-	-	507		133		-	-	123		-	-
Beryllium, Total	7440-41-7	47	mg/kg	0.473		-	-	0.348	J	-	-	0.391	J	-	-	0.353	J	-	-	0.533		-	-	0.472		0.222	J	-	-	0.293	J	-	-
Cadmium, Total	7440-43-9	7.5	mg/kg	1.39		-	-	0.467	J	-	-	0.831	J	-	-	0.352	J	-	-	0.55	J	-	-	1.11		0.585	J	-	-	0.309	J	-	-
Calcium, Total	7440-70-2	~	mg/kg	21500		-	-	15000		-	-	20700		-	-	17600		-	-	11700		-	-	18900		15300		-	-	25700		-	-
Chromium, Total	7440-47-3	~	mg/kg	14		-	-	15.9		-	-	15		-	-	13.7		-	-	15.9		-	-	14.8		10.5		-	-	11.9		-	-
Cobalt, Total	7440-48-4	~	mg/kg	11.4		-	-	6.3		-	-	6.67		-	-	4.56		-	-	5.63		-	-	5.05		4.58		-	-	3.63		-	-
Copper, Total	7440-50-8	1720	mg/kg	196		-	-	300		-	-	276		-	-	121		-	-	140		-	-	198		179		-	-	82.4		-	-
Iron, Total	7439-89-6	~	mg/kg	16400		-	-	15700		-	-	16200		-	-	12600		-	-	13900		-	-	25600		17500		-	-	10100		-	-
Lead, Total	7439-92-1	450	mg/kg	**498**		-	-	390		-	-	**628**		-	-	360		-	-	341		-	-	**816**		**468**		-	-	302		-	-
Magnesium, Total	7439-95-4	~	mg/kg	2500		-	-	4740		-	-	5360		-	-	3520		-	-	2630		-	-	3170		3910		-	-	4400		-	-
Manganese, Total	7439-96-5	2000	mg/kg	224		-	-	177		-	-	235		-	-	175		-	-	180		-	-	224		153		-	-	200		-	-
Mercury, Total	7439-97-6	0.73	mg/kg	0.706		-	-	**0.758**		-	-	**0.923**		-	-	**1.18**		-	-	0.581		-	-	0.627		**0.882**		-	-	0.297		-	-
Nickel, Total	7440-02-0	130	mg/kg	26.5		-	-	85		-	-	23.2		-	-	18		-	-	18.3		-	-	17.8		15.9		-	-	14.4		-	-
Potassium, Total	7440-09-7	~	mg/kg	801		-	-	687		-	-	973		-	-	700		-	-	668		-	-	720		569		-	-	710		-	-
Selenium, Total	7782-49-2	4	mg/kg	2.58		-	-	0.715	J	-	-	2.06		-	-	0.57	J	-	-	0.952	J	-	-	0.54	J	1.05	J	-	-	0.309	J	-	-
Silver, Total	7440-22-4	8.3	mg/kg	0.479		-	-	1.81		-	-	0.556		-	-	0.376	J	-	-	0.438	U	-	-	0.449	U	0.345	J	-	-	0.404	U	-	-
Sodium, Total	7440-23-5	~	mg/kg	234		-	-	229		-	-	520		-	-	218		-	-	384		-	-	255		344		-	-	310		-	-
Thallium, Total	7440-28-0	~	mg/kg	0.454	J	-	-	0.602	J	-	-	0.763	J	-	-	0.776	J	-	-	1.75	U	-	-	1.8	U	0.376	J	-	-	1.62	U	-	-
Vanadium, Total	7440-62-2	~	mg/kg	18		-	-	18.5		-	-	20.6		-	-	19.3		-	-	17.8		-	-	15.8		14.1		-	-	17.8		-	-
Zinc, Total	7440-66-6	2480	mg/kg	528		-	-	746		-	-	582		-	-	311		-	-	338		-	-	557		252		-	-	112		-	-
Volatile Organics by EPA 5035																																	
1,1,1,2-Tetrachloroethane	630-20-6	~	mg/kg	0.00079	U	-	-	0.0006	U	-	-	0.00058	U	-	-	0.00068	U	-	-	0.00072	U	-	-	0.00089	U	0.00074	U	-	-	0.00067	U	-	-
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	0.00079	U	-	-	0.0006	U	-	-	0.00058	U	-	-	0.00068	U	-	-	0.00072	U	-	-	0.00089	U	0.00074	U	-	-	0.00067	U	-	-
1,1,2,2-Tetrachloroethane	79-34-5	~	mg/kg	0.00079	U	-	-	0.0006	U	-	-	0.00058	U	-	-	0.00068	U	-	-	0.00072	U	-	-	0.00089	U	0.00074	U	-	-	0.00067	U	-	-

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-65-110323		EP-65-110323		EP-66-111023		EP-66-111023		EP-67-111023		EP-67-111023		EP-68-111323		EP-68-111323		EP-69-111523		EP-69-111523		EP-70-111523		EP-71-111623		EP-71-111623		EP-72-111623		EP-72-111623	
SAMPLING DATE				11/3/2023		11/3/2023		11/10/2023		11/10/2023		11/10/2023		11/10/2023		11/13/2023		11/13/2023		11/15/2023		11/15/2023		11/15/2023		11/16/2023		11/16/2023		11/16/2023		11/16/2023	
LAB SAMPLE ID				L2365622-03		L2365622-03 R1		L2367176-06		L2367176-06 R1		L2367176-10		L2367176-10 R1		L2367392-03		L2367392-03 R1		L2367903-01		L2367903-01 R1		L2367903-05		L2368313-02		L2368313-02 R1		L2368313-04		L2372857-02	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1,2-Trichloroethane	79-00-5	~	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
1,1-Dichloroethane	75-34-3	0.27	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
1,1-Dichloroethene	75-35-4	0.33	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
1,1-Dichloropropene	563-58-6	~	mg/kg	0.00079	U	-	-	0.0006	U	-	-	0.00058	U	-	-	0.00068	U	-	-	0.00072	U	-	-	0.00089	U	0.00074	U	-	-	0.00067	U	-	-
1,2,3-Trichlorobenzene	87-61-6	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
1,2,3-Trichloropropane	96-18-4	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
1,2,4,5-Tetramethylbenzene	95-93-2	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.002	J	-	-	0.00073	J	-	-
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0012	J	-	-
1,2-Dibromo-3-chloropropane	96-12-8	~	mg/kg	0.0047	U	-	-	0.0036	U	-	-	0.0035	U	-	-	0.0041	U	-	-	0.0043	U	-	-	0.0054	U	0.0044	U	-	-	0.004	U	-	-
1,2-Dibromoethane	106-93-4	~	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
1,2-Dichloroethane	107-06-2	0.02	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
1,2-Dichloroethene, Total	540-59-0	~	mg/kg	0.0006	J	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
1,2-Dichloropropane	78-87-5	~	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.00044	J	-	-
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
1,3-Dichloropropane	142-28-9	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
1,3-Dichloropropene, Total	542-75-6	~	mg/kg	0.00079	U	-	-	0.0006	U	-	-	0.00058	U	-	-	0.00068	U	-	-	0.00072	U	-	-	0.00089	U	0.00074	U	-	-	0.00067	U	-	-
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
1,4-Dioxane	123-91-1	0.1	mg/kg	0.13	U	-	-	0.096	U	-	-	0.092	U	-	-	0.11	U	-	-	0.12	U	-	-	0.14	U	0.12	U	-	-	0.11	U	-	-
2,2-Dichloropropane	594-20-7	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
2-Butanone	78-93-3	0.12	mg/kg	0.016	U	-	-	0.012	U	-	-	0.012	U	-	-	0.014	U	-	-	0.014	U	-	-	0.018	U	0.015	U	-	-	0.0039	J	-	-
2-Hexanone	591-78-6	~	mg/kg	0.016	U	-	-	0.012	U	-	-	0.012	U	-	-	0.014	U	-	-	0.014	U	-	-	0.018	U	0.015	U	-	-	0.013	U	-	-
4-Methyl-2-pentanone	108-10-1	~	mg/kg	0.016	U	-	-	0.012	U	-	-	0.012	U	-	-	0.014	U	-	-	0.014	U	-	-	0.018	U	0.015	U	-	-	0.013	U	-	-
Acetone	67-64-1	0.05	mg/kg	0.016	U	-	-	0.012	U	-	-	0.012	U	-	-	0.014	U	-	-	0.0074	J	-	-	0.018	U	0.0072	J	-	-	0.013	U	-	-
Acrylonitrile	107-13-1	~	mg/kg	0.0063	U	-	-	0.0048	U	-	-	0.0046	U	-	-	0.0055	U	-	-	0.0058	U	-	-	0.0072	U	0.0059	U	-	-	0.0054	U	-	-
Benzene	71-43-2	0.06	mg/kg	0.00079	U	-	-	0.0006	U	-	-	0.00058	U	-	-	0.00068	U	-	-	0.00036	J	-	-	0.00089	U	0.00074	U	-	-	0.00067	U	-	-
Bromobenzene	108-86-1	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
Bromochloromethane	74-97-5	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
Bromodichloromethane	75-27-4	~	mg/kg	0.00079	U	-	-	0.0006	U	-	-	0.00058	U	-	-	0.00068	U	-	-	0.00072	U	-	-	0.00089	U	0.00074	U	-	-	0.00067	U	-	-
Bromoform	75-25-2	~	mg/kg	0.0063	U	-	-	0.0048	U	-	-	0.0046	U	-	-	0.0055	U	-	-	0.0058	U	-	-	0.0072	U	0.0059	U	-	-	0.0054	U	-	-
Bromomethane	74-83-9	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
Carbon disulfide	75-15-0	~	mg/kg	0.016	U	-	-	0.012	U	-	-	0.012	U	-	-	0.014	U	-	-	0.014	U	-	-	0.018	U	0.015	U	-	-	0.013	U	-	-
Carbon tetrachloride	56-23-5	0.76	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
Chlorobenzene	108-90-7	1.1	mg/kg	0.00079	U	-	-	0.0006	U	-	-	0.00058	U	-	-	0.00068	U	-	-	0.00072	U	-	-	0.00089	U	0.00074	U	-	-	0.00067	U	-	-
Chloroethane	75-00-3	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
Chloroform	67-66-3	0.37	mg/kg	0.0024	U	-	-	0.0018	U	-	-	0.0017	U	-	-	0.002	U	-	-	0.0022	U	-	-	0.0027	U	0.0022	U	-	-	0.002	U	-	-
Chloromethane	74-87-3	~	mg/kg	0.0063	U	-	-	0.0048	U	-	-	0.0046	U	-	-	0.0055	U	-	-	0.0058	U	-	-	0.0072	U	0.0059	U	-	-	0.0054	U	-	-
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	0.0006	J	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
cis-1,3-Dichloropropene	10061-01-5	~	mg/kg	0.00079	U	-	-	0.0006	U	-	-	0.00058	U	-	-	0.00068	U	-	-	0.00072	U	-	-	0.00089	U	0.00074	U	-	-	0.00067	U	-	-
Dibromochloromethane	124-48-1	~	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
Dibromomethane	74-95-3	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
Dichlorodifluoromethane	75-71-8	~	mg/kg	0.016	U	-	-	0.012	U	-	-	0.012	U	-	-	0.014	U	-	-	0.014	U	-	-	0.018	U	0.015	U	-	-	0.013	U	-	-
Ethyl ether	60-29-7	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
Ethylbenzene	100-41-4	1	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
Hexachlorobutadiene	87-68-3	~	mg/kg	0.0063	U	-	-	0.0048	U	-	-	0.0046	U	-	-	0.0055	U	-	-	0.0058	U	-	-	0.0072	U	0.0059	U	-	-	0.0054	U	-	-
Isopropylbenzene	98-82-8	~	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
Methylene chloride	75-09-2	0.05	mg/kg	0.0079	U	-	-	0.006	U	-	-	0.0058	U	-	-	0.0068	U	-	-	0.0072	U	-	-	0.0089	U	0.0074	U	-	-	0.0067	U	-	-
n-Butylbenzene	104-51-8	12	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
n-Propylbenzene	103-65-1	3.9	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
Naphthalene	91-20-3	12	mg/kg	0.0063	U	-	-	0.0048	U	-	-	0.0046	U	-	-	0.0055	U	-	-	0.0016	J	-	-	0.0072	U	0.0059	U	-	-	0.00093	J	-	-
o-Chlorotoluene	95-49-8	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
o-Xylene	95-47-6	~	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
p-Chlorotoluene	106-43-4	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
p-Diethylbenzene	105-05-5	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0014	J	-	-
p-Ethyltoluene	622-96-8	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.00056	J	-	-
p-Isopropyltoluene	99-87-6	~	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
p/m-Xylene	179601-23-1	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
sec-Butylbenzene	135-98-8	11	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
Styrene	100-42-5	~	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
tert-Butylbenzene	98-06-6	5.9	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
Tetrachloroethene	127-18-4	1.3	mg/kg	0.029		-	-	0.0006	U	-	-	0.00045	J	-	-	0.00068	U	-	-	0.00072	U	-	-	0.029		0.00074	U	-	-	0.0019		-	-
Toluene	108-88-3	0.7	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	0.0024	U	-	-	0.0018	U	-	-	0.0017	U	-	-	0.002	U	-	-	0.0022	U	-	-	0.0027	U	0.0022	U	-	-	0.002	U	-	-
trans-1,3-Dichloropropene	10061-02-6	~	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
trans-1,4-Dichloro-2-butene	110-57-6	~	mg/kg	0.0079	U	-	-	0.006	U	-	-	0.0058	U	-	-	0.0068	U	-	-	0.0072	U	-	-	0.0089	U	0.0074	U	-	-	0.0067	U	-	-
Trichloroethene	79-01-6	0.47	mg/kg	0.0031		-	-	0.0006	U	-	-	0.00058	U	-	-	0.00068	U	-	-	0.00072	U	-	-	0.00089	U	0.00074	U	-	-	0.00082		-	-
Trichlorofluoromethane	75-69-4	~	mg/kg	0.0063	U	-	-	0.0048	U	-	-	0.0046	U	-	-	0.0055	U	-	-	0.0058	U	-	-	0.0072	U	0.0059	U	-	-	0.0054	U	-	-
Vinyl acetate	108-05-4	~	mg/kg	0.016	U	-	-	0.012	U	-	-	0.012	U	-	-	0.014	U	-	-	0.014	U	-	-	0.018	U	0.015	U	-	-	0.013	U	-	-
Vinyl chloride	75-01-4	0.02	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
Xylenes, Total	1330-20-7	1.6	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-

* Comparison is not performed on parameters with non-numeric criteria.
Exceedances are in Bold
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use C

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-73-120423		EP-74-120423		EP-75-112723		EP-75-112723		EP-75-112723		EP-78-110923		EP-78-110923		EP-79-110923		EP-79-110923		EP-80-110923		EP-81-110923		EP-81-110923		EP-82-111023		EP-83-111323		EP-84-111323	
SAMPLING DATE				12/4/2023		12/4/2023		11/27/2023		11/27/2023		11/27/2023		11/9/2023		11/9/2023		11/9/2023		11/9/2023		11/9/2023		11/9/2023		11/9/2023		11/10/2023		11/13/2023		11/13/2023	
LAB SAMPLE ID				L2371219-11		L2371219-06		L2369780-04		L2373088-03		L2373088-03 R1		L2366805-01		L2366805-01 R1		L2366805-02		L2366805-02 R1		L2366805-03		L2366805-04		L2366805-04 R1		L2367176-08		L2367392-04		L2367392-05	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																																	
Chromium, Hexavalent	18540-29-9	19	mg/kg	0.728	J	0.944	U	0.972	U	-	-	-	-	0.889	U	-	-	0.886	U	-	-	0.883	U	0.891	U	-	-	0.869	U	0.876	U	0.902	U
Cyanide, Total	57-12-5	40	mg/kg	-	-	-	-	-	-	1.2	U	-	-	0.27	J	-	-	0.33	J	-	-	0.44	J	0.28	J	-	-	0.34	J	0.22	J	1	U
Solids, Total	NONE	~	%	90.7		84.7		82.3		82.3		-	-	90		-	-	90.3		-	-	90.6		89.8		-	-	92.1		91.3		88.7	
Organochlorine Pesticides by GC																																	
4,4'-DDD	72-54-8	14	mg/kg	-	-	-	-	-	-	0.00194	U	-	-	0.00257		-	-	0.0144		-	-	0.00636		0.0021		-	-	0.00618		0.00171	U	0.00263	
4,4'-DDE	72-55-9	17	mg/kg	-	-	-	-	-	-	0.00109	J	-	-	0.00169	U	-	-	0.0017	U	-	-	0.00166	U	0.00171	U	-	-	0.00534		0.00171	U	0.0015	JIP
4,4'-DDT	50-29-3	136	mg/kg	-	-	-	-	-	-	0.00194	U	-	-	0.0378		-	-	0.0313		-	-	0.0103		0.0045		-	-	0.0195	IP	0.00171	U	0.0033	IP
Aldrin	309-00-2	0.19	mg/kg	-	-	-	-	-	-	0.00194	U	-	-	0.00169	U	-	-	0.0017	U	-	-	0.00166	U	0.00171	U	-	-	0.0017	U	0.00171	U	0.00179	U
Alpha-BHC	319-84-6	0.02	mg/kg	-	-	-	-	-	-	0.000808	U	-	-	0.000703	U	-	-	0.000709	U	-	-	0.000692	U	0.000713	U	-	-	0.00071	U	0.000713	U	0.000745	U
Beta-BHC	319-85-7	0.09	mg/kg	-	-	-	-	-	-	0.00194	U	-	-	0.00169	U	-	-	0.0017	U	-	-	0.00166	U	0.00171	U	-	-	0.0017	U	0.00171	U	0.00179	U
Chlordane	57-74-9	~	mg/kg	-	-	-	-	-	-	0.0162	U	-	-	0.0527		-	-	0.0701		-	-	0.0574		0.0142	U	-	-	0.0142	U	0.0143	U	0.0149	U
cis-Chlordane	5103-71-9	2.9	mg/kg	-	-	-	-	-	-	0.00242	U	-	-	0.00217		-	-	0.00797		-	-	0.00178	J	0.00214	U	-	-	0.00213	U	0.00214	U	0.00224	U
Delta-BHC	319-86-8	0.25	mg/kg	-	-	-	-	-	-	0.00194	U	-	-	0.00169	U	-	-	0.0017	U	-	-	0.00166	U	0.00171	U	-	-	0.0017	U	0.00171	U	0.00179	U
Dieldrin	60-57-1	0.1	mg/kg	-	-	-	-	-	-	0.00121	U	-	-	0.00105	U	-	-	0.00106	U	-	-	0.00104	U	0.00107	U	-	-	0.00106	U	0.00107	U	0.00112	U
Endosulfan I	959-98-8	102	mg/kg	-	-	-	-	-	-	0.00194	U	-	-	0.00169	U	-	-	0.0017	U	-	-	0.00166	U	0.00171	U	-	-	0.0017	U	0.00171	U	0.00179	U
Endosulfan II	33213-65-9	102	mg/kg	-	-	-	-	-	-	0.00194	U	-	-	0.00169	U	-	-	0.0017	U	-	-	0.00166	U	0.00171	U	-	-	0.0017	U	0.00171	U	0.00179	U
Endosulfan sulfate	1031-07-8	1000	mg/kg	-	-	-	-	-	-	0.000808	U	-	-	0.000703	U	-	-	0.000709	U	-	-	0.000692	U	0.000713	U	-	-	0.00071	U	0.000713	U	0.000745	U
Endrin	72-20-8	0.06	mg/kg	-	-	-	-	-	-	0.000808	U	-	-	0.000703	U	-	-	0.000709	U	-	-	0.000692	U	0.000713	U	-	-	0.00071	U	0.000713	U	0.000745	U
Endrin aldehyde	7421-93-4	~	mg/kg	-	-	-	-	-	-	0.00242	U	-	-	0.00211	U	-	-	0.00213	U	-	-	0.00207	U	0.00214	U	-	-	0.00213	U	0.00214	U	0.00224	U
Endrin ketone	53494-70-5	~	mg/kg	-	-	-	-	-	-	0.00194	U	-	-	0.00169	U	-	-	0.0017	U	-	-	0.00166	U	0.00171	U	-	-	0.0017	U	0.00171	U	0.00179	U
Heptachlor	76-44-8	0.38	mg/kg	-	-	-	-	-	-	0.000969	U	-	-	0.000844	U	-	-	0.000851	U	-	-	0.00083	U	0.000856	U	-	-	0.000852	U	0.000856	U	0.000894	U
Heptachlor epoxide	1024-57-3	~	mg/kg	-	-	-	-	-	-	0.00364	U	-	-	0.00262	J	-	-	0.00105	JIP	-	-	0.00311	U	0.00127	J	-	-	0.00319	U	0.00321	U	0.00335	U
Lindane	58-89-9	0.1	mg/kg	-	-	-	-	-	-	0.000808	U	-	-	0.000703	U	-	-	0.000709	U	-	-	0.000692	U	0.000713	U	-	-	0.00071	U	0.000713	U	0.000745	U
Methoxychlor	72-43-5	~	mg/kg	-	-	-	-	-	-	0.00364	U	-	-	0.00316	U	-	-	0.00319	U	-	-	0.00311	U	0.00321	U	-	-	0.00319	U	0.00321	U	0.00335	U
Toxaphene	8001-35-2	~	mg/kg	-	-	-	-	-	-	0.0364	U	-	-	0.0316	U	-	-	0.0319	U	-	-	0.0311	U	0.0321	U	-	-	0.0319	U	0.0321	U	0.0335	U
trans-Chlordane	5103-74-2	~	mg/kg	-	-	-	-	-	-	0.00242	U	-	-	0.00343	IP	-	-	0.00896		-	-	0.00252	IP	0.00214	U	-	-	0.00213	U	0.00214	U	0.00224	U
Perfluorinated Alkyl Acids by EPA 1633																																	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4	~	mg/kg	-	-	-	-	-	-	0.000786	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2	27619-97-2	~	mg/kg	-	-	-	-	-	-	0.000436	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	2991-50-6	~	mg/kg	-	-	-	-	-	-	0.000197	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Ac	2355-31-9	~	mg/kg	-	-	-	-	-	-	0.000197	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	-	-	-	-	-	-	0.000197	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	-	-	-	-	-	-	0.000786	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	-	-	-	-	-	-	0.000197	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	-	-	-	-	-	-	0.000197	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	-	-	-	-	-	-	0.000197	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	-	-	-	-	-	-	0.000197	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	-	-	-	-	-	-	0.000083	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	-	-	-	-	-	-	0.000197	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	-	-	-	-	-	-	0.000063	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	-	-	-	-	-	-	0.000197	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	-	-	-	-	-	-	0.000197	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	-	-	-	-	-	-	0.000087	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	-	-	-	-	-	-	0.00016	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	-	-	-	-	-	-	0.000059	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	-	-	-	-	-	-	0.000197	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	-	-	-	-	-	-	0.000197	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	-	-	-	-	-	-	0.000197	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFOA/PFOS, Total	null	~	mg/kg	-	-	-	-	-	-	0.000247	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC																																	
Aroclor 1016	12674-11-2	3.2	mg/kg	-	-	-	-	-	-	0.0568	U	-	-	0.052	U	-	-	0.0522	U	-	-	0.052	U	0.0537	U	-	-	0.0504	U	0.0514	U	0.0525	U
Aroclor 1221	11104-28-2	3.2	mg/kg	-	-	-	-	-	-	0.0568	U	-	-	0.052	U	-	-	0.0522	U	-	-	0.052	U	0.0537	U	-	-	0.0504	U	0.0514	U	0.0525	U
Aroclor 1232	11141-16-5	3.2	mg/kg	-	-	-	-	-	-	0.0568	U	-	-	0.052	U	-	-	0.0522	U	-	-	0.052	U	0.0537	U	-	-	0.0504	U	0.0514	U	0.0525	U
Aroclor 1242	53469-21-9	3.2	mg/kg	-	-	-	-	-	-	0.0568	U	-	-	0.052	U	-	-	0.0522	U	-	-	0.052	U	0.0537	U	-	-	0.0504	U	0.0514	U	0.0525	U
Aroclor 1248	12672-29-6	3.2	mg/kg	-	-	-	-	-	-	0.0568	U	-	-	0.052	U	-	-	0.0522	U	-	-	0.052	U	0.0537	U	-	-	0.0504	U	0.0514	U	0.0525	U
Aroclor 1254	11097-69-1	3.2	mg/kg	-	-	-	-	-	-	0.0568	U	-	-	0.0799		-	-	0.0411	J	-	-	0.0373	J	0.046	J	-	-	0.0619		0.0256	J	0.0253	J
Aroclor 1260	11096-82-5	3.2	mg/kg	-	-	-	-	-	-	0.0568	U	-	-	0.0342	J	-	-	0.0192	J	-	-	0.0111	J	0.0537	U	-	-	0.0154	J	0.0514	U	0.0525	U
Aroclor 1262	37324-23-5	3.2	mg/kg	-	-	-	-	-	-	0.0568	U	-	-	0.052	U	-	-	0.0522	U	-	-	0.052	U	0.0537	U	-	-	0.0504	U	0.0514	U	0.0525	U
Aroclor 1268	11100-14-4	3.2	mg/kg	-	-	-	-	-	-	0.0568	U	-	-	0.026	J	-	-	0.0158	J	-	-	0.00779	J	0.0537	U	-	-	0.00705	J	0.0514	U	0.0525	U
PCBs, Total	1336-36-3	3.2	mg/kg	-	-	-	-	-	-	0.0568	U	-	-	0.14	J	-	-	0.0761	J	-	-	0.0562	J	0.046	J	-	-	0.0844	J	0.0256	J	0.0253	J
Semivolatile Organics by GC/MS																																	
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.033	J	-	-	0.18	U	0.18	U	0.18	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.052	J	-	-	0.18	U	0.18	U	0.18	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.057	J	-	-	0.18	U	0.18	U	0.18	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.038	J	-	-	0.18	U	0.18	U	0.18	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.14	U	0.14	U	0.03	U	-	-	-	-	0.028	U	-	-	0.027	U	-	-	0.027	U	0.027	U	-	-	0.026	U	0.027	U	0.028	U
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	0.55	U	0.57	U	0.12	U	-	-	-	-	0.11	U	-	-	0.11	U	-	-	0.11	U	0.11	U	-	-	0.1	U	0.11	U	0.11	U
2,4-Dichlorophenol	120-83-2	~	mg/kg	0.82	U	0.86	U	0.18	U	-	-	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	0.16	U	-	-	0.16	U	0.16	U	0.17	U
2,4-Dimethylphenol	105-67-9	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
2,4-Dinitrophenol	51-28-5	~	mg/kg	4.4	U	4.6	U	0.96	U	-	-	-	-	0.88	U	-	-	0.86	U	-	-	0.86	U	0.87	U	-	-	0.85	U	0.86	U	0.89	U
2,4-Dinitrotoluene	121-14-2	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
2,6-Dinitrotoluene	606-20-2	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
2-Chloronaphthalene	91-58-7	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.036	J	-	-	0.18	U	0.18	U	0.18	U
2-Chlorophenol	95-57-8	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
2-Methylnaphthalene	91-57-6	~	mg/kg	1.1	U	0.14	J	0.18	J	-	-	-	-	0.24		-	-	0.35		-	-	0.22		0.54		-	-	0.21		0.2	J	0.32	
2-Methylphenol	95-48-7	0.33	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.034	J	-	-	0.18	U	0.18	U	0.18	U

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-73-120423		EP-74-120423		EP-75-112723		EP-75-112723		EP-75-112723		EP-78-110923		EP-78-110923		EP-79-110923		EP-79-110923		EP-80-110923		EP-81-110923		EP-81-110923		EP-82-111023		EP-83-111323		EP-84-111323	
SAMPLING DATE				12/4/2023		12/4/2023		11/27/2023		11/27/2023		11/27/2023		11/9/2023		11/9/2023		11/9/2023		11/9/2023		11/9/2023		11/9/2023		11/9/2023		11/10/2023		11/13/2023		11/13/2023	
LAB SAMPLE ID				L2371219-11		L2371219-06		L2369780-04		L2373088-03		L2373088-03 R1		L2366805-01		L2366805-01 R1		L2366805-02		L2366805-02 R1		L2366805-03		L2366805-04		L2366805-04 R1		L2367176-08		L2367392-04		L2367392-05	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Nitroaniline	88-74-4	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
2-Nitrophenol	88-75-5	~	mg/kg	2	U	2.1	U	0.43	U	-	-	-	-	0.4	U	-	-	0.39	U	-	-	0.39	U	0.39	U	-	-	0.38	U	0.39	U	0.4	U
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	mg/kg	1.3	U	1.4	U	0.29	U	-	-	-	-	0.044	J	-	-	0.31		-	-	0.26	U	0.094	J	-	-	0.048	J	0.033	J	0.067	J
3-Nitroaniline	99-09-2	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	2.4	U	2.5	U	0.52	U	-	-	-	-	0.48	U	-	-	0.46	U	-	-	0.47	U	0.47	U	-	-	0.46	U	0.46	U	0.48	U
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
4-Chloroaniline	106-47-8	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
4-Nitroaniline	100-01-6	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
4-Nitrophenol	100-02-7	~	mg/kg	1.3	U	1.3	U	0.28	U	-	-	-	-	0.26	U	-	-	0.25	U	-	-	0.25	U	0.25	U	-	-	0.25	U	0.25	U	0.26	U
Acenaphthene	83-32-9	98	mg/kg	0.2	J	0.16	J	0.023	J	-	-	-	-	0.5		-	-	0.64		-	-	0.55		1.9		-	-	0.5		0.43		1.1	
Acenaphthylene	208-96-8	107	mg/kg	0.73	U	0.81		0.17		-	-	-	-	0.54		-	-	0.58		-	-	0.28		2.9		-	-	0.52		0.47		1.9	
Acetophenone	98-86-2	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
Anthracene	120-12-7	1000	mg/kg	0.61		0.53	J	0.11	J	-	-	-	-	1.6		-	-	1.9		-	-	0.82		9.8	E	14		1.4		1.4		6.8	
Benzo(a)anthracene	56-55-3	1	mg/kg	**1.6**		**1.7**		0.28		-	-	-	-	**4.8**		-	-	**4.9**		-	-	**2**		**24**	E	**31**		**3.8**		**3.9**		**16**	E
Benzo(a)pyrene	50-32-8	22	mg/kg	1.6		2.5		0.29		-	-	-	-	5		-	-	4.7		-	-	2		21	E	**30**		4.2		3.5		12	E
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	**1.8**		**2.8**		0.3		-	-	-	-	**6.1**		-	-	**5.7**		-	-	**2.2**		**34**		-	-	**4.8**		**4**		**16**	E
Benzo(ghi)perylene	191-24-2	1000	mg/kg	0.97		1.7		0.16		-	-	-	-	3.2		-	-	2.7		-	-	1.2		11	E	14		2.2		1.9		6.8	
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	0.6		0.86		0.091	J	-	-	-	-	1.5		-	-	1.3		-	-	0.77		**9.9**		-	-	1.3		1.3		**2.9**	
Benzoic Acid	65-85-0	~	mg/kg	3	U	3.1	U	0.65	U	-	-	-	-	0.6	U	-	-	0.58	U	-	-	0.58	U	0.59	U	-	-	0.57	U	0.58	U	0.6	U
Benzyl Alcohol	100-51-6	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
Biphenyl	92-52-4	~	mg/kg	2.1	U	2.2	U	0.028	J	-	-	-	-	0.079	J	-	-	0.1	J	-	-	0.077	J	0.23	J	-	-	0.072	J	0.084	J	0.11	J
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	0.98	U	1	U	0.22	U	-	-	-	-	0.2	U	-	-	0.19	U	-	-	0.19	U	0.2	U	-	-	0.19	U	0.19	U	0.2	U
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	0.82	U	0.86	U	0.18	U	-	-	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	0.16	U	-	-	0.16	U	0.16	U	0.17	U
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	1.1	U	1.1	U	0.24	U	-	-	-	-	0.22	U	-	-	0.21	U	-	-	0.22	U	0.22	U	-	-	0.21	U	0.21	U	0.22	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.091	J	-	-	0.097	J	-	-	0.084	J	0.18	U	-	-	0.11	J	0.18	U	0.18	U
Butyl benzyl phthalate	85-68-7	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.16	J	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
Carbazole	86-74-8	~	mg/kg	0.2	J	0.14	J	0.2	U	-	-	-	-	0.61		-	-	0.74		-	-	0.31		1.8		-	-	0.5		0.46		1.3	
Chrysene	218-01-9	1	mg/kg	**1.4**		**1.7**		0.35		-	-	-	-	**4.5**		-	-	**4.4**		-	-	**1.8**		**14**	E	**25**		**3.6**		**3.6**		**8.9**	E
Di-n-butylphthalate	84-74-2	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.046	J	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
Di-n-octylphthalate	117-84-0	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	0.24	J	0.34	J	0.042	J	-	-	-	-	0.65		-	-	0.59		-	-	0.26		2.2		-	-	0.62		0.5		2.4	
Dibenzofuran	132-64-9	210	mg/kg	0.14	J	0.1	J	0.021	J	-	-	-	-	0.4		-	-	0.53		-	-	0.43		1.4		-	-	0.35		0.45		0.96	
Diethyl phthalate	84-66-2	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
Dimethyl phthalate	131-11-3	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
Fluoranthene	206-44-0	1000	mg/kg	3.2		2.5		0.52		-	-	-	-	9.6	E	10		9.9	E	12		4.3		29	E	72		6.9		6.4		18	E
Fluorene	86-73-7	386	mg/kg	0.21	J	0.16	J	0.027	J	-	-	-	-	0.5		-	-	0.7		-	-	0.38		2.4		-	-	0.5		0.51		2.3	
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.55	U	0.57	U	0.12	U	-	-	-	-	0.11	U	-	-	0.11	U	-	-	0.11	U	0.11	U	-	-	0.1	U	0.11	U	0.11	U
Hexachlorobutadiene	87-68-3	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	2.6	U	2.7	U	0.57	U	-	-	-	-	0.53	U	-	-	0.51	U	-	-	0.51	U	0.52	U	-	-	0.5	U	0.51	U	0.53	U
Hexachloroethane	67-72-1	~	mg/kg	0.73	U	0.76	U	0.16	U	-	-	-	-	0.15	U	-	-	0.14	U	-	-	0.14	U	0.14	U	-	-	0.14	U	0.14	U	0.15	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	0.81		1.5		0.14	J	-	-	-	-	3.9		-	-	3.4		-	-	1.4		**15**	E	**14**		2.1		2.2		**8.4**	E
Isophorone	78-59-1	~	mg/kg	0.82	U	0.86	U	0.18	U	-	-	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	0.16	U	-	-	0.16	U	0.16	U	0.17	U
n-Nitrosodi-n-propylamine	621-64-7	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
Naphthalene	91-20-3	12	mg/kg	0.16	J	0.24	J	0.3		-	-	-	-	0.55		-	-	0.74		-	-	0.34		1.2		-	-	0.44		0.37		0.67	
NDPA/DPA	86-30-6	~	mg/kg	0.73	U	0.76	U	0.16	U	-	-	-	-	0.15	U	-	-	0.14	U	-	-	0.14	U	0.14	U	-	-	0.14	U	0.14	U	0.15	U
Nitrobenzene	98-95-3	~	mg/kg	0.82	U	0.86	U	0.18	U	-	-	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	0.16	U	-	-	0.16	U	0.16	U	0.17	U
p-Chloro-m-cresol	59-50-7	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
Pentachlorophenol	87-86-5	0.8	mg/kg	0.73	U	0.76	U	0.16	U	-	-	-	-	0.15	U	-	-	0.14	U	-	-	0.14	U	0.14	U	-	-	0.14	U	0.14	U	0.15	U
Phenanthrene	85-01-8	1000	mg/kg	2.2		1.1		0.33		-	-	-	-	6.6		-	-	8.2	E	9.2		2.6		20	E	39		5.4		4.7		17	E
Phenol	108-95-2	0.33	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.036	J	-	-	0.18	U	0.074	J	-	-	0.18	U	0.18	U	0.18	U
Pyrene	129-00-0	1000	mg/kg	2.8		2.7		0.74		-	-	-	-	8.8	E	9		9	E	10		3.6		25	E	59		6.4		5.7		15	E
Total Metals																																	
Aluminum, Total	7429-90-5	~	mg/kg	-	-	-	-	-	-	2530		-	-	4800		-	-	5360		-	-	6480		5780		-	-	4380		5520		4470	
Antimony, Total	7440-36-0	~	mg/kg	-	-	-	-	-	-	1.56	J	-	-	6.64		-	-	10.1		-	-	1.87	J	2.88	J	-	-	3.36	J	7.28		1.68	J
Arsenic, Total	7440-38-2	16	mg/kg	4.41		13.9		9.6		8.98		-	-	**19**		-	-	11.8		-	-	10.3		10.7		-	-	12.3		**26.9**		12.2	
Barium, Total	7440-39-3	820	mg/kg	-	-	-	-	-	-	138		-	-	361		-	-	371		-	-	139		141		-	-	258		225		183	
Beryllium, Total	7440-41-7	47	mg/kg	-	-	-	-	-	-	0.219	J	-	-	0.342	J	-	-	0.426	J	-	-	0.472		0.444		-	-	0.307	J	0.384	J	0.317	J
Cadmium, Total	7440-43-9	7.5	mg/kg	-	-	-	-	-	-	0.938	U	-	-	0.708	J	-	-	0.816	J	-	-	0.246	J	0.277	J	-	-	0.617	J	0.36	J	0.304	J
Calcium, Total	7440-70-2	~	mg/kg	-	-	-	-	-	-	6960		-	-	14800		-	-	17700		-	-	11300		24700		-	-	13300		8390		27400	
Chromium, Total	7440-47-3	~	mg/kg	-	-	-	-	-	-	9.04		-	-	24.5		-	-	17.6		-	-	16.6		12.2		-	-	18.5		20.3		12.2	
Cobalt, Total	7440-48-4	~	mg/kg	-	-	-	-	-	-	5.64		-	-	8.96		-	-	7.22		-	-	7.33		6.99		-	-	8.65		5.49		3.76	
Copper, Total	7440-50-8	1720	mg/kg	-	-	-	-	-	-	62.4		-	-	222		-	-	124		-	-	79.4		167		-	-	111		161		133	
Iron, Total	7439-89-6	~	mg/kg	-	-	-	-	-	-	13400		-	-	33200		-	-	17600		-	-	14600		13800		-	-	16100		17200		13400	
Lead, Total	7439-92-1	450	mg/kg	-	-	-	-	-	-	122		-	-	**770**		-	-	**947**		-	-	254		284		-	-	**670**		**528**		419	
Magnesium, Total	7439-95-4	~	mg/kg	-	-	-	-	-	-	556		-	-	3050		-	-	3870		-	-	2610		8460		-	-	4280		3090		11300	
Manganese, Total	7439-96-5	2000	mg/kg	-	-	-	-	-	-	43.1		-	-	325		-	-	274		-	-	253		219		-	-	343		200		154	
Mercury, Total	7439-97-6	0.73	mg/kg	-	-	-	-	-	-	0.1		-	-	**1.54**		-	-	**1.88**		-	-	0.608		**0.732**		-	-	**1.09**		**1.67**		0.688	
Nickel, Total	7440-02-0	130	mg/kg	-	-	-	-	-	-	14.6		-	-	42		-	-	27.3		-	-	26.2		26		-	-	31.8		20.6		16.3	
Potassium, Total	7440-09-7	~	mg/kg	-	-	-	-	-	-	299		-	-	874		-	-	962		-	-	961		819		-	-	840		841		608	
Selenium, Total	7782-49-2	4	mg/kg	-	-	-	-	-	-	0.278	J	-	-	1.09	J	-	-	0.863	J	-	-	0.812	J	0.798	J	-	-	0.662	J	0.584	J	1.11	J
Silver, Total	7440-22-4	8.3	mg/kg	-	-	-	-	-	-	0.469	U	-	-	0.834		-	-	0.704		-	-	0.377	J	0.373	J	-	-	0.464		0.429		0.37	J
Sodium, Total	7440-23-5	~	mg/kg	-	-	-	-	-	-	161	J	-	-	265		-	-	189		-	-	254		225		-	-	230		224		219	
Thallium, Total	7440-28-0	~	mg/kg	-	-	-	-	-	-	1.88	U	-	-	0.688	J	-	-	0.789	J	-	-	0.87	J	0.639	J	-	-	0.649	J	0.835	J	0.787	J
Vanadium, Total	7440-62-2	~	mg/kg	-	-	-	-	-	-	8.15		-	-	55.5		-	-	28.5		-	-	25		15.7		-	-	27.1		20.4		16.2	
Zinc, Total	7440-66-6	2480	mg/kg	-	-	-	-	-	-	76.3		-	-	491		-	-	431		-	-	200		295		-	-	374		286		246	
Volatile Organics by EPA 5035																																	
1,1,1,2-Tetrachloroethane	630-20-6	~	mg/kg	-	-	-	-	-	-	0.0011	U	0.001	U	0.00065	U	-	-	0.00065	U	-	-	0.00058	U	0.00062	U	-	-	0.00053	U	0.00062	U	0.00062	U
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	-	-	-	-	-	-	0.0011	U	0.001	U	0.00065	U	-	-	0.00065	U	-	-	0.00058	U	0.00062	U	-	-	0.00053	U	0.00062	U	0.00062	U
1,1,2,2-Tetrachloroethane	79-34-5	~	mg/kg	-	-	-	-	-	-	0.0011	U	0.001	U	0.00065	U	-	-	0.00065	U	-	-	0.00058	U	0.00062	U	-	-	0.00053	U	0.00062	U	0.00062	U

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-73-120423		EP-74-120423		EP-75-112723		EP-75-112723		EP-75-112723		EP-78-110923		EP-78-110923		EP-79-110923		EP-79-110923		EP-80-110923		EP-81-110923		EP-81-110923		EP-82-111023		EP-83-111323		EP-84-111323	
SAMPLING DATE				12/4/2023		12/4/2023		11/27/2023		11/27/2023		11/27/2023		11/9/2023		11/9/2023		11/9/2023		11/9/2023		11/9/2023		11/9/2023		11/9/2023		11/10/2023		11/13/2023		11/13/2023	
LAB SAMPLE ID				L2371219-11		L2371219-06		L2369780-04		L2373088-03		L2373088-03 R1		L2366805-01		L2366805-01 R1		L2366805-02		L2366805-02 R1		L2366805-03		L2366805-04		L2366805-04 R1		L2367176-08		L2367392-04		L2367392-05	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1,2-Trichloroethane	79-00-5	~	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
1,1-Dichloroethane	75-34-3	0.27	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
1,1-Dichloroethene	75-35-4	0.33	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
1,1-Dichloropropene	563-58-6	~	mg/kg	-	-	-	-	-	-	0.0011	U	0.001	U	0.00065	U	-	-	0.00065	U	-	-	0.00058	U	0.00062	U	-	-	0.00053	U	0.00062	U	0.00062	U
1,2,3-Trichlorobenzene	87-61-6	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
1,2,3-Trichloropropane	96-18-4	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	-	-	-	-	-	-	0.001	J	0.0026	J	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
1,2-Dibromo-3-chloropropane	96-12-8	~	mg/kg	-	-	-	-	-	-	0.0064	U	0.0062	U	0.0039	U	-	-	0.0039	U	-	-	0.0035	U	0.0037	U	-	-	0.0032	U	0.0037	U	0.0037	U
1,2-Dibromoethane	106-93-4	~	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
1,2-Dichloroethane	107-06-2	0.02	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
1,2-Dichloroethene, Total	540-59-0	~	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
1,2-Dichloropropane	78-87-5	~	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	-	-	-	-	-	-	0.00046	J	0.001	J	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
1,3-Dichloropropane	142-28-9	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
1,3-Dichloropropene, Total	542-75-6	~	mg/kg	-	-	-	-	-	-	0.0011	U	0.001	U	0.00065	U	-	-	0.00065	U	-	-	0.00058	U	0.00062	U	-	-	0.00053	U	0.00062	U	0.00062	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	-	-	-	-	0.17	U	0.16	U	0.1	U	-	-	0.1	U	-	-	0.092	U	0.099	U	-	-	0.084	U	0.098	U	0.1	U
2,2-Dichloropropane	594-20-7	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
2-Butanone	78-93-3	0.12	mg/kg	-	-	-	-	-	-	0.021	U	0.02	U	0.013	U	-	-	0.013	U	-	-	0.012	U	0.012	U	-	-	0.01	U	0.012	U	0.012	U
2-Hexanone	591-78-6	~	mg/kg	-	-	-	-	-	-	0.021	U	0.02	U	0.013	U	-	-	0.013	U	-	-	0.012	U	0.012	U	-	-	0.01	U	0.012	U	0.012	U
4-Methyl-2-pentanone	108-10-1	~	mg/kg	-	-	-	-	-	-	0.021	U	0.02	U	0.013	U	-	-	0.013	U	-	-	0.012	U	0.012	U	-	-	0.01	U	0.012	U	0.012	U
Acetone	67-64-1	0.05	mg/kg	-	-	-	-	-	-	0.021	U	0.02	U	0.013	U	-	-	0.013	U	-	-	0.012	U	0.012	U	-	-	0.01	U	0.012	U	0.012	U
Acrylonitrile	107-13-1	~	mg/kg	-	-	-	-	-	-	0.0085	U	0.0082	U	0.0052	U	-	-	0.0052	U	-	-	0.0046	U	0.0049	U	-	-	0.0042	U	0.0049	U	0.005	U
Benzene	71-43-2	0.06	mg/kg	-	-	-	-	-	-	0.0011	U	0.001	U	0.00065	U	-	-	0.00065	U	-	-	0.00058	U	0.00062	U	-	-	0.00053	U	0.00062	U	0.00062	U
Bromobenzene	108-86-1	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
Bromochloromethane	74-97-5	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
Bromodichloromethane	75-27-4	~	mg/kg	-	-	-	-	-	-	0.0011	U	0.001	U	0.00065	U	-	-	0.00065	U	-	-	0.00058	U	0.00062	U	-	-	0.00053	U	0.00062	U	0.00062	U
Bromoform	75-25-2	~	mg/kg	-	-	-	-	-	-	0.0085	U	0.0082	U	0.0052	U	-	-	0.0052	U	-	-	0.0046	U	0.0049	U	-	-	0.0042	U	0.0049	U	0.005	U
Bromomethane	74-83-9	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
Carbon disulfide	75-15-0	~	mg/kg	-	-	-	-	-	-	0.021	U	0.02	U	0.013	U	-	-	0.013	U	-	-	0.012	U	0.012	U	-	-	0.01	U	0.012	U	0.012	U
Carbon tetrachloride	56-23-5	0.76	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
Chlorobenzene	108-90-7	1.1	mg/kg	-	-	-	-	-	-	0.0011	U	0.001	U	0.00065	U	-	-	0.00065	U	-	-	0.00058	U	0.00062	U	-	-	0.00053	U	0.00062	U	0.00062	U
Chloroethane	75-00-3	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
Chloroform	67-66-3	0.37	mg/kg	-	-	-	-	-	-	0.00082	J	0.00092	J	0.002	U	-	-	0.002	U	-	-	0.0017	U	0.0018	U	-	-	0.0016	U	0.0018	U	0.0019	U
Chloromethane	74-87-3	~	mg/kg	-	-	-	-	-	-	0.0085	U	0.0082	U	0.0052	U	-	-	0.0052	U	-	-	0.0046	U	0.0049	U	-	-	0.0042	U	0.0049	U	0.005	U
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
cis-1,3-Dichloropropene	10061-01-5	~	mg/kg	-	-	-	-	-	-	0.0011	U	0.001	U	0.00065	U	-	-	0.00065	U	-	-	0.00058	U	0.00062	U	-	-	0.00053	U	0.00062	U	0.00062	U
Dibromochloromethane	124-48-1	~	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
Dibromomethane	74-95-3	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
Dichlorodifluoromethane	75-71-8	~	mg/kg	-	-	-	-	-	-	0.021	U	0.02	U	0.013	U	-	-	0.013	U	-	-	0.012	U	0.012	U	-	-	0.01	U	0.012	U	0.012	U
Ethyl ether	60-29-7	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
Ethylbenzene	100-41-4	1	mg/kg	-	-	-	-	-	-	0.00043	J	0.00069	J	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
Hexachlorobutadiene	87-68-3	~	mg/kg	-	-	-	-	-	-	0.0085	U	0.0082	U	0.0052	U	-	-	0.0052	U	-	-	0.0046	U	0.0049	U	-	-	0.0042	U	0.0049	U	0.005	U
Isopropylbenzene	98-82-8	~	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
Methylene chloride	75-09-2	0.05	mg/kg	-	-	-	-	-	-	0.011	U	0.01	U	0.0065	U	-	-	0.0065	U	-	-	0.0058	U	0.0062	U	-	-	0.0053	U	0.0062	U	0.0062	U
n-Butylbenzene	104-51-8	12	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
n-Propylbenzene	103-65-1	3.9	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
Naphthalene	91-20-3	12	mg/kg	-	-	-	-	-	-	0.0085	U	0.0016	J	0.0052	U	-	-	0.0052	U	-	-	0.00093	J	0.0049	U	-	-	0.0042	U	0.0049	U	0.005	U
o-Chlorotoluene	95-49-8	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
o-Xylene	95-47-6	~	mg/kg	-	-	-	-	-	-	0.0021	U	0.00073	J	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
p-Chlorotoluene	106-43-4	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
p-Diethylbenzene	105-05-5	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
p-Ethyltoluene	622-96-8	~	mg/kg	-	-	-	-	-	-	0.0011	J	0.0031	J	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
p-Isopropyltoluene	99-87-6	~	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
p/m-Xylene	179601-23-1	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0022	J	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
sec-Butylbenzene	135-98-8	11	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
Styrene	100-42-5	~	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
tert-Butylbenzene	98-06-6	5.9	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
Tetrachloroethene	127-18-4	1.3	mg/kg	-	-	-	-	-	-	0.0011	U	0.001	U	0.00097		-	-	0.00065	U	-	-	0.00058	U	0.00062	U	-	-	0.00044	J	0.00062	U	0.00026	J
Toluene	108-88-3	0.7	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	-	-	-	-	-	-	0.0032	U	0.0031	U	0.002	U	-	-	0.002	U	-	-	0.0017	U	0.0018	U	-	-	0.0016	U	0.0018	U	0.0019	U
trans-1,3-Dichloropropene	10061-02-6	~	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
trans-1,4-Dichloro-2-butene	110-57-6	~	mg/kg	-	-	-	-	-	-	0.011	U	0.01	U	0.0065	U	-	-	0.0065	U	-	-	0.0058	U	0.0062	U	-	-	0.0053	U	0.0062	U	0.0062	U
Trichloroethene	79-01-6	0.47	mg/kg	-	-	-	-	-	-	0.0011	U	0.001	U	0.00065	U	-	-	0.00065	U	-	-	0.00058	U	0.00062	U	-	-	0.00053	U	0.00062	U	0.00062	U
Trichlorofluoromethane	75-69-4	~	mg/kg	-	-	-	-	-	-	0.0085	U	0.0082	U	0.0052	U	-	-	0.0052	U	-	-	0.0046	U	0.0049	U	-	-	0.0042	U	0.0049	U	0.005	U
Vinyl acetate	108-05-4	~	mg/kg	-	-	-	-	-	-	0.021	U	0.02	U	0.013	U	-	-	0.013	U	-	-	0.012	U	0.012	U	-	-	0.01	U	0.012	U	0.012	U
Vinyl chloride	75-01-4	0.02	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
Xylenes, Total	1330-20-7	1.6	mg/kg	-	-	-	-	-	-	0.0021	U	0.0029	J	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U

* Comparison is not performed on parameters with non-numeric criteria.
Exceedances are in Bold
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use C

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-16-112123		EP-17-113023		EP-18-113023		EP-19-113023		EP-20-113023		EP-21-120123		EP-22-120423		EP-22-120423		EP-23-120423		EP-23-120423		EP-24-120423		EP-24-120423		EP-25-120423		EP-26-121223		EP-27-121223		EP-28-120423	
SAMPLING DATE				11/21/2023		11/30/2023		11/30/2023		11/30/2023		11/30/2023		12/1/2023		12/4/2023		12/4/2023		12/4/2023		12/4/2023		12/4/2023		12/4/2023		12/4/2023		12/12/2023		12/12/2023		12/4/2023	
LAB SAMPLE ID				L2369270-01		L2370550-01		L2370550-02		L2370550-03		L2370550-04		L2371003-01		L2371219-01		L2371219-01 R1		L2371219-03		L2371219-03 R1		L2371219-04		L2371219-04 R1		L2371219-02		L2373251-06		L2373251-07		L2371219-17	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																			
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																																			
Chromium, Hexavalent	18540-29-9	19	mg/kg	0.307	J	0.907	U	0.895	U	0.893	U	0.943	U	0.902	U	1.03	U	-	-	0.915	U	-	-	0.22	J	-	-	0.934	U	0.899	U	0.387	J	0.951	U
Cyanide, Total	57-12-5	40	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Solids, Total	NONE	~	%	91.3		88.2		89.4		89.6		84.8		88.7		77.8		-	-	87.4		-	-	81.6		-	-	85.6		89		85.2		84.1	
Organochlorine Pesticides by GC																																			
4,4'-DDD	72-54-8	14	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	72-55-9	17	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	50-29-3	136	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldrin	309-00-2	0.19	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alpha-BHC	319-84-6	0.02	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beta-BHC	319-85-7	0.09	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane	57-74-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-Chlordane	5103-71-9	2.9	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Delta-BHC	319-86-8	0.25	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	60-57-1	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan I	959-98-8	102	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan II	33213-65-9	102	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	1031-07-8	1000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin	72-20-8	0.06	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	7421-93-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone	53494-70-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	76-44-8	0.38	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	1024-57-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lindane	58-89-9	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor	72-43-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxaphene	8001-35-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-Chlordane	5103-74-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorinated Alkyl Acids by EPA 1633																																			
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2	27619-97-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	2991-50-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Ac	2355-31-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFOA/PFOS, Total	null	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC																																			
Aroclor 1016	12674-11-2	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1221	11104-28-2	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1232	11141-16-5	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1242	53469-21-9	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1248	12672-29-6	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1254	11097-69-1	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1260	11096-82-5	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1262	37324-23-5	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1268	11100-14-4	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs, Total	1336-36-3	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semivolatile Organics by GC/MS																																			
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.027	U	0.14	U	0.14	U	0.14	U	0.14	U	0.028	U	0.032	U	-	-	0.028	U	-	-	0.03	U	-	-	0.029	U	0.028	U	0.14	U	0.029	U
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	0.11	U	0.55	U	0.55	U	0.55	U	0.58	U	0.11	U	0.13	U	-	-	0.11	U	-	-	0.12	U	-	-	0.12	U	0.11	U	0.58	U	0.12	U
2,4-Dichlorophenol	120-83-2	~	mg/kg	0.16	U	0.83	U	0.83	U	0.82	U	0.87	U	0.16	U	0.19	U	-	-	0.17	U	-	-	0.18	U	-	-	0.17	U	0.17	U	0.86	U	0.18	U
2,4-Dimethylphenol	105-67-9	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
2,4-Dinitrophenol	51-28-5	~	mg/kg	0.87	U	4.4	U	4.4	U	4.4	U	4.6	U	0.88	U	1	U	-	-	0.91	U	-	-	0.96	U	-	-	0.92	U	0.89	U	4.6	U	0.94	U
2,4-Dinitrotoluene	121-14-2	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
2,6-Dinitrotoluene	606-20-2	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
2-Chloronaphthalene	91-58-7	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
2-Chlorophenol	95-57-8	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
2-Methylnaphthalene	91-57-6	~	mg/kg	0.15	J	0.15	J	0.16	J	0.18	J	0.86	J	0.066	J	0.19	J	-	-	0.2	J	-	-	0.3		-	-	0.13	J	0.52		0.71	J	0.063	J
2-Methylphenol	95-48-7	0.33	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-16-112123		EP-17-113023		EP-18-113023		EP-19-113023		EP-20-113023		EP-21-120123		EP-22-120423		EP-22-120423		EP-23-120423		EP-23-120423		EP-24-120423		EP-24-120423		EP-25-120423		EP-26-121223		EP-27-121223		EP-28-120423	
SAMPLING DATE				11/21/2023		11/30/2023		11/30/2023		11/30/2023		11/30/2023		12/1/2023		12/4/2023		12/4/2023		12/4/2023		12/4/2023		12/4/2023		12/4/2023		12/4/2023		12/12/2023		12/12/2023		12/4/2023	
LAB SAMPLE ID				L2369270-01		L2370550-01		L2370550-02		L2370550-03		L2370550-04		L2371003-01		L2371219-01		L2371219-01 R1		L2371219-03		L2371219-03 R1		L2371219-04		L2371219-04 R1		L2371219-02		L2373251-06		L2373251-07		L2371219-17	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																			
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Nitroaniline	88-74-4	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
2-Nitrophenol	88-75-5	~	mg/kg	0.39	U	2	U	2	U	2	U	2.1	U	0.4	U	0.46	U	-	-	0.41	U	-	-	0.43	U	-	-	0.42	U	0.4	U	2.1	U	0.42	U
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	mg/kg	0.26	U	1.3	U	1.3	U	1.3	U	1.4	U	0.26	U	0.31	U	-	-	0.034	J	-	-	0.049	J	-	-	0.043	J	0.05	J	1.4	U	0.037	J
3-Nitroaniline	99-09-2	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	0.47	U	2.4	U	2.4	U	2.4	U	2.5	U	0.48	U	0.55	U	-	-	0.49	U	-	-	0.52	U	-	-	0.5	U	0.48	U	2.5	U	0.51	U
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
4-Chloroaniline	106-47-8	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
4-Nitroaniline	100-01-6	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
4-Nitrophenol	100-02-7	~	mg/kg	0.25	U	1.3	U	1.3	U	1.3	U	1.4	U	0.26	U	0.3	U	-	-	0.26	U	-	-	0.28	U	-	-	0.27	U	0.26	U	1.3	U	0.27	U
Acenaphthene	83-32-9	98	mg/kg	0.56		0.35	J	0.54	J	0.4	J	1.5		0.25		0.7		-	-	0.69		-	-	0.83		-	-	0.35		0.67		2.4		0.09	J
Acenaphthylene	208-96-8	107	mg/kg	0.27		0.23	J	0.39	J	0.5	J	0.6	J	0.25		0.55		-	-	0.46		-	-	0.63		-	-	0.2		0.33		2.4		0.23	
Acetophenone	98-86-2	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.032	J	0.96	U	0.2	U
Anthracene	120-12-7	1000	mg/kg	1.5		1		1.5		1		2.1		0.69		2		-	-	2.2		-	-	2.1		-	-	1.1		1		6.2		0.35	
Benzo(a)anthracene	56-55-3	1	mg/kg	**2.8**		**2.5**		**3.9**		**3**		**3.6**		**1.8**		**6**		-	-	**4.8**		-	-	**5.5**		-	-	**2.7**		**2.1**		**11**		**1.5**	
Benzo(a)pyrene	50-32-8	22	mg/kg	2.6		2.6		4		2.9		3.6		1.6		5.9		-	-	5		-	-	5.7		-	-	2.7		2		13		1.8	
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	**3.2**		**2.9**		**4.6**		**3.5**		**4**		**1.9**		**6.8**		-	-	**5.6**		-	-	**6.5**		-	-	**2.9**		**2.4**		**15**		**2.2**	
Benzo(ghi)perylene	191-24-2	1000	mg/kg	1.4		1.4		2.2		1.6		2.1		0.99		3.4		-	-	3.1		-	-	3.5		-	-	1.6		1.2		6.5		1	
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	0.67		0.89		1.5		1.1		1.4		0.71		**2.2**		-	-	**1.9**		-	-	**1.8**		-	-	0.95		0.64		**4.2**		0.58	
Benzoic Acid	65-85-0	~	mg/kg	0.59	U	3	U	3	U	3	U	3.1	U	0.6	U	0.69	U	-	-	0.61	U	-	-	0.65	U	-	-	0.62	U	0.6	U	3.1	U	0.64	U
Benzyl Alcohol	100-51-6	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
Biphenyl	92-52-4	~	mg/kg	0.055	J	2.1	U	2.1	U	2.1	U	0.25	J	0.025	J	0.061	J	-	-	0.07	J	-	-	0.11	J	-	-	0.042	J	0.12	J	0.29	J	0.45	U
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	0.2	U	0.99	U	1	U	0.99	U	1	U	0.2	U	0.23	U	-	-	0.2	U	-	-	0.22	U	-	-	0.21	U	0.2	U	1	U	0.21	U
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	0.16	U	0.83	U	0.83	U	0.82	U	0.87	U	0.16	U	0.19	U	-	-	0.17	U	-	-	0.18	U	-	-	0.17	U	0.17	U	0.86	U	0.18	U
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	0.22	U	1.1	U	1.1	U	1.1	U	1.2	U	0.22	U	0.26	U	-	-	0.23	U	-	-	0.24	U	-	-	0.23	U	0.22	U	1.2	U	0.24	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
Butyl benzyl phthalate	85-68-7	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
Carbazole	86-74-8	~	mg/kg	0.42		0.3	J	0.5	J	0.32	J	0.48	J	0.19		0.52		-	-	0.61		-	-	0.68		-	-	0.29		0.32		1.6		0.11	J
Chrysene	218-01-9	1	mg/kg	**2.7**		**2.5**		**4**		**3**		**3.9**		**1.7**		**5.3**		-	-	**4.8**		-	-	**5.2**		-	-	**2.6**		**2.1**		**11**		**1.5**	
Di-n-butylphthalate	84-74-2	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
Di-n-octylphthalate	117-84-0	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	0.34		0.34	J	0.53	J	0.4	J	0.48	J	0.25		0.73		-	-	0.66		-	-	0.76		-	-	0.38		0.3		1.5		0.23	
Dibenzofuran	132-64-9	210	mg/kg	0.37		0.29	J	0.35	J	0.32	J	1.1		0.15	J	0.44		-	-	0.45		-	-	0.54		-	-	0.23		0.51		2.1		0.056	J
Diethyl phthalate	84-66-2	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
Dimethyl phthalate	131-11-3	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
Fluoranthene	206-44-0	1000	mg/kg	5.5		5.4		8.5		6.1		8.4		3.5		11	E	13		9.6	E	10		10	E	12		5.2		4.6		28		2.7	
Fluorene	86-73-7	386	mg/kg	0.59		0.39	J	0.5	J	0.46	J	1.4		0.26		0.74		-	-	0.8		-	-	0.8		-	-	0.4		0.6		2.9		0.082	J
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.11	U	0.55	U	0.55	U	0.55	U	0.58	U	0.11	U	0.13	U	-	-	0.11	U	-	-	0.12	U	-	-	0.12	U	0.11	U	0.58	U	0.12	U
Hexachlorobutadiene	87-68-3	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	0.52	U	2.6	U	2.6	U	2.6	U	2.8	U	0.52	U	0.61	U	-	-	0.54	U	-	-	0.58	U	-	-	0.55	U	0.53	U	2.7	U	0.56	U
Hexachloroethane	67-72-1	~	mg/kg	0.14	U	0.74	U	0.74	U	0.73	U	0.77	U	0.15	U	0.17	U	-	-	0.15	U	-	-	0.16	U	-	-	0.15	U	0.15	U	0.77	U	0.16	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	1.7		1.5		2.4		1.8		2.2		1.1		3.1		-	-	2.7		-	-	3.1		-	-	1.4		1.2		7.4		1.1	
Isophorone	78-59-1	~	mg/kg	0.16	U	0.83	U	0.83	U	0.82	U	0.87	U	0.16	U	0.19	U	-	-	0.17	U	-	-	0.18	U	-	-	0.17	U	0.17	U	0.86	U	0.18	U
n-Nitrosodi-n-propylamine	621-64-7	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
Naphthalene	91-20-3	12	mg/kg	0.18		0.3	J	0.31	J	0.35	J	1.6		0.19		0.39		-	-	0.32		-	-	0.5		-	-	0.21		0.81		1.6		0.12	J
NDPA/DPA	86-30-6	~	mg/kg	0.14	U	0.74	U	0.74	U	0.73	U	0.77	U	0.15	U	0.17	U	-	-	0.15	U	-	-	0.16	U	-	-	0.15	U	0.15	U	0.77	U	0.16	U
Nitrobenzene	98-95-3	~	mg/kg	0.16	U	0.83	U	0.83	U	0.82	U	0.87	U	0.16	U	0.19	U	-	-	0.17	U	-	-	0.18	U	-	-	0.17	U	0.17	U	0.86	U	0.18	U
p-Chloro-m-cresol	59-50-7	~	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.2	U	-	-	0.19	U	0.19	U	0.96	U	0.2	U
Pentachlorophenol	87-86-5	0.8	mg/kg	0.14	U	0.74	U	0.74	U	0.73	U	0.77	U	0.15	U	0.17	U	-	-	0.15	U	-	-	0.16	U	-	-	0.15	U	0.15	U	0.77	U	0.16	U
Phenanthrene	85-01-8	1000	mg/kg	5.1		3.8		5.8		4.6		6.9		2.1		6		-	-	6.8		-	-	7.9		-	-	3.9		3.4		21		1.2	
Phenol	108-95-2	0.33	mg/kg	0.18	U	0.92	U	0.92	U	0.92	U	0.96	U	0.18	U	0.21	U	-	-	0.19	U	-	-	0.033	J	-	-	0.19	U	0.035	J	0.96	U	0.2	U
Pyrene	129-00-0	1000	mg/kg	4.9		4.7		7.6		5.5		7.4		3		9.5	E	11		8.3	E	9.2		9.8	E	11		4.8		4		24		2.6	
Total Metals																																			
Aluminum, Total	7429-90-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony, Total	7440-36-0	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic, Total	7440-38-2	16	mg/kg	7.21		8.82		6.51		7.16		13.6		7.2		9.23		-	-	8.96		-	-	8.63		-	-	6.38		7.61		14.3		5.66	
Barium, Total	7440-39-3	820	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium, Total	7440-41-7	47	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium, Total	7440-43-9	7.5	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium, Total	7440-70-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium, Total	7440-47-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt, Total	7440-48-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper, Total	7440-50-8	1720	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron, Total	7439-89-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead, Total	7439-92-1	450	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium, Total	7439-95-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese, Total	7439-96-5	2000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury, Total	7439-97-6	0.73	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel, Total	7440-02-0	130	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium, Total	7440-09-7	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium, Total	7782-49-2	4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver, Total	7440-22-4	8.3	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium, Total	7440-23-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium, Total	7440-28-0	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium, Total	7440-62-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc, Total	7440-66-6	2480	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organics by EPA 5035																																			
1,1,1,2-Tetrachloroethane	630-20-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	79-34-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-16-112123		EP-17-113023		EP-18-113023		EP-19-113023		EP-20-113023		EP-21-120123		EP-22-120423		EP-22-120423		EP-23-120423		EP-23-120423		EP-24-120423		EP-24-120423		EP-25-120423		EP-26-121223		EP-27-121223		EP-28-120423	
SAMPLING DATE				11/21/2023		11/30/2023		11/30/2023		11/30/2023		11/30/2023		12/1/2023		12/4/2023		12/4/2023		12/4/2023		12/4/2023		12/4/2023		12/4/2023		12/4/2023		12/12/2023		12/12/2023		12/4/2023	
LAB SAMPLE ID				L2369270-01		L2370550-01		L2370550-02		L2370550-03		L2370550-04		L2371003-01		L2371219-01		L2371219-01 R1		L2371219-03		L2371219-03 R1		L2371219-04		L2371219-04 R1		L2371219-02		L2373251-06		L2373251-07		L2371219-17	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																			
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1,2-Trichloroethane	79-00-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	75-34-3	0.27	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	75-35-4	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropene	563-58-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	87-61-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	96-18-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene	95-93-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane	96-12-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane	106-93-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	107-06-2	0.02	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene, Total	540-59-0	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	78-87-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropane	142-28-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropene, Total	542-75-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	594-20-7	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone	78-93-3	0.12	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	591-78-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	108-10-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	67-64-1	0.05	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile	107-13-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	71-43-2	0.06	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene	108-86-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromochloromethane	74-97-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	75-27-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	75-25-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromomethane	74-83-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	75-15-0	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	56-23-5	0.76	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	108-90-7	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	75-00-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	67-66-3	0.37	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloromethane	74-87-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	10061-01-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	124-48-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane	74-95-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane	75-71-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl ether	60-29-7	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	100-41-4	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	87-68-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene	98-82-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	75-09-2	0.05	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene	104-51-8	12	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	103-65-1	3.9	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	91-20-3	12	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Chlorotoluene	95-49-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	95-47-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Chlorotoluene	106-43-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Diethylbenzene	105-05-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Ethyltoluene	622-96-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Isopropyltoluene	99-87-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p/m-Xylene	179601-23-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	135-98-8	11	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	100-42-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	98-06-6	5.9	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	127-18-4	1.3	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	108-88-3	0.7	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	10061-02-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	110-57-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	79-01-6	0.47	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane	75-69-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl acetate	108-05-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	75-01-4	0.02	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes, Total	1330-20-7	1.6	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* Comparison is not performed on parameters with non-numeric criteria.
Exceedances are in Bold
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-29-120523		EP-30-120423		EP-31-103023		EP-32-103123		EP-33-110123		EP-33-110123		EP-34-110223		EP-34-110223		EP-35-110323		EP-36-111023		EP-36-111023		EP-37-111323		EP-38-111523		EP-39-111523		EP-40	
SAMPLING DATE				12/5/2023		12/4/2023		10/30/2023		10/31/2023		11/1/2023		11/1/2023		11/2/2023		11/2/2023		11/3/2023		11/10/2023		11/10/2023		11/13/2023		11/15/2023		11/15/2023		11/17/2023	
LAB SAMPLE ID				L2371540-07		L2371219-20		L2364298-01		L2364557-02		L2364895-01		L2364895-01 R1		L2365118-01		L2365118-01 R1		L2365622-01		L2367176-09		L2367176-09 R1		L2367392-01		L2367903-04		L2367903-03		L2368694-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																																	
Chromium, Hexavalent	18540-29-9	19	mg/kg	0.886	U	0.25	J	0.899	U	0.912	U	0.208	J	-	-	0.246	J	-	-	0.862	U	0.86	U	-	-	0.863	U	0.868	U	0.87	U	0.19	J
Cyanide, Total	57-12-5	40	mg/kg	-	-	0.25	J	1	U	1.1	U	0.31	J	-	-	1.3	U	-	-	1	U	1	U	-	-	0.27	J	1	U	1	U	1	U
Solids, Total	NONE	~	%	90.3		88		89		87.7		86.6		-	-	73.3		-	-	92.8		93		-	-	92.7		92.2		91.9		94.5	
Organochlorine Pesticides by GC																																	
4,4'-DDD	72-54-8	14	mg/kg	-	-	0.00897		0.00225		0.0156	P	0.00891		-	-	0.0573		-	-	0.0101	P	0.00977	IP	-	-	0.0264		0.0187	IP	0.00589		0.00166	U
4,4'-DDE	72-55-9	17	mg/kg	-	-	0.0169		0.000891	JIP	0.00425	P	0.00416	IP	-	-	0.0259		-	-	0.00412	P	0.00187	IP	-	-	0.00232		0.00294	IP	0.0013	J	0.00166	U
4,4'-DDT	50-29-3	136	mg/kg	-	-	0.011		0.00173	U	0.006	P	0.0103		-	-	0.0236		-	-	0.0022	P	0.00339	IP	-	-	0.0015	J	0.0039	IP	0.00168	U	0.00166	U
Aldrin	309-00-2	0.19	mg/kg	-	-	0.00163	J	0.00173	U	0.00178	U	0.00181	U	-	-	0.00212	U	-	-	0.00167	U	0.00165	U	-	-	0.00171	U	0.00164	U	0.00168	U	0.00166	U
Alpha-BHC	319-84-6	0.02	mg/kg	-	-	0.000746	U	0.000721	U	0.000744	U	0.000753	U	-	-	0.000884	U	-	-	0.000694	U	0.000689	U	-	-	0.000711	U	0.000686	U	0.000698	U	0.000694	U
Beta-BHC	319-85-7	0.09	mg/kg	-	-	0.00179	U	0.00173	U	0.00178	U	0.00181	U	-	-	0.00212	U	-	-	0.00167	U	0.00165	U	-	-	0.00171	U	0.00164	U	0.00168	U	0.00166	U
Chlordane	57-74-9	~	mg/kg	-	-	0.0906		0.0144	U	0.0149	U	0.0151	U	-	-	0.0177	U	-	-	0.0139	U	0.0138	U	-	-	0.0142	U	0.0137	U	0.014	U	0.0139	U
cis-Chlordane	5103-71-9	2.9	mg/kg	-	-	0.0064	IP	0.00216	U	0.00268	P	0.00226	U	-	-	0.00704		-	-	0.00208	U	0.00207	U	-	-	0.00132	J	0.000843	JIP	0.00209	U	0.00208	U
Delta-BHC	319-86-8	0.25	mg/kg	-	-	0.00179	U	0.00173	U	0.00178	U	0.00181	U	-	-	0.00212	U	-	-	0.00167	U	0.00165	U	-	-	0.00171	U	0.00164	U	0.00168	U	0.00166	U
Dieldrin	60-57-1	0.1	mg/kg	-	-	0.00327		0.00108	U	0.00112	U	0.00113	U	-	-	0.00133	U	-	-	0.00104	U	0.00103	U	-	-	0.00107	U	0.00103	U	0.00105	U	0.00104	U
Endosulfan I	959-98-8	102	mg/kg	-	-	0.00179	U	0.00173	U	0.00178	U	0.00181	U	-	-	0.00212	U	-	-	0.00167	U	0.00165	U	-	-	0.00171	U	0.00164	U	0.00168	U	0.00166	U
Endosulfan II	33213-65-9	102	mg/kg	-	-	0.00179	U	0.00173	U	0.00178	U	0.00181	U	-	-	0.00212	U	-	-	0.00167	U	0.00165	U	-	-	0.00171	U	0.00164	U	0.00168	U	0.00166	U
Endosulfan sulfate	1031-07-8	1000	mg/kg	-	-	0.000746	U	0.000721	U	0.000744	U	0.000753	U	-	-	0.000884	U	-	-	0.000694	U	0.000689	U	-	-	0.000711	U	0.000686	U	0.000698	U	0.000694	U
Endrin	72-20-8	0.06	mg/kg	-	-	0.000746	U	0.000721	U	0.000744	U	0.000753	U	-	-	0.000884	U	-	-	0.000694	U	0.000689	U	-	-	0.000711	U	0.000686	U	0.000698	U	0.000694	U
Endrin aldehyde	7421-93-4	~	mg/kg	-	-	0.00224	U	0.00216	U	0.00223	U	0.00226	U	-	-	0.00265	U	-	-	0.00208	U	0.00207	U	-	-	0.00213	U	0.00206	U	0.00209	U	0.00208	U
Endrin ketone	53494-70-5	~	mg/kg	-	-	0.00179	U	0.00173	U	0.00178	U	0.00181	U	-	-	0.00212	U	-	-	0.00167	U	0.00165	U	-	-	0.00171	U	0.00164	U	0.00168	U	0.00166	U
Heptachlor	76-44-8	0.38	mg/kg	-	-	0.00106		0.000865	U	0.000892	U	0.000904	U	-	-	0.00106	U	-	-	0.000833	U	0.000826	U	-	-	0.000853	U	0.000823	U	0.000838	U	0.000833	U
Heptachlor epoxide	1024-57-3	~	mg/kg	-	-	0.00336	U	0.00324	U	0.00335	U	0.00339	U	-	-	0.00398	U	-	-	0.00312	U	0.0031	U	-	-	0.0032	U	0.00308	U	0.00314	U	0.00312	U
Lindane	58-89-9	0.1	mg/kg	-	-	0.000746	U	0.000721	U	0.000744	U	0.000753	U	-	-	0.000884	U	-	-	0.000694	U	0.000689	U	-	-	0.000711	U	0.000686	U	0.000698	U	0.000694	U
Methoxychlor	72-43-5	~	mg/kg	-	-	0.00336	U	0.00324	U	0.00335	U	0.00339	U	-	-	0.00398	U	-	-	0.00312	U	0.0031	U	-	-	0.0032	U	0.00308	U	0.00314	U	0.00312	U
Toxaphene	8001-35-2	~	mg/kg	-	-	0.0336	U	0.0324	U	0.0335	U	0.0339	U	-	-	0.0398	U	-	-	0.0312	U	0.031	U	-	-	0.032	U	0.0308	U	0.0314	U	0.0312	U
trans-Chlordane	5103-74-2	~	mg/kg	-	-	0.0124		0.00216	U	0.00284		0.00226	U	-	-	0.00654		-	-	0.00208	U	0.00207	U	-	-	0.00162	JIP	0.00165	JIP	0.00209	U	0.00208	U
Perfluorinated Alkyl Acids by EPA 1633																																	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4	~	mg/kg	-	-	0.000774	U	0.000791	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2	27619-97-2	~	mg/kg	-	-	0.000774	U	0.000791	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	2991-50-6	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Ac	2355-31-9	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	-	-	0.000774	U	0.000791	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	-	-	0.000434		0.000286		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	-	-	0.000194	U	0.000121	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	-	-	0.000387	U	0.000396	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	-	-	0.000194	U	0.000198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFOA/PFOS, Total	null	~	mg/kg	-	-	0.000434		0.000407	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC																																	
Aroclor 1016	12674-11-2	3.2	mg/kg	-	-	0.0563	U	0.0534	U	0.0544	U	0.0565	U	-	-	0.063	U	-	-	0.0515	U	0.0528	U	-	-	0.051	U	0.05	U	0.0526	U	0.0505	U
Aroclor 1221	11104-28-2	3.2	mg/kg	-	-	0.0563	U	0.0534	U	0.0544	U	0.0565	U	-	-	0.063	U	-	-	0.0515	U	0.0528	U	-	-	0.051	U	0.05	U	0.0526	U	0.0505	U
Aroclor 1232	11141-16-5	3.2	mg/kg	-	-	0.0563	U	0.0534	U	0.0544	U	0.0565	U	-	-	0.063	U	-	-	0.0515	U	0.0528	U	-	-	0.051	U	0.05	U	0.0526	U	0.0505	U
Aroclor 1242	53469-21-9	3.2	mg/kg	-	-	0.0563	U	0.0534	U	0.0544	U	0.0565	U	-	-	0.054	J	-	-	0.0515	U	0.0528	U	-	-	0.051	U	0.05	U	0.0526	U	0.0505	U
Aroclor 1248	12672-29-6	3.2	mg/kg	-	-	0.0563	U	0.0534	U	0.0544	U	0.0565	U	-	-	0.063	U	-	-	0.0515	U	0.0528	U	-	-	0.051	U	0.05	U	0.0526	U	0.0505	U
Aroclor 1254	11097-69-1	3.2	mg/kg	-	-	0.0198	J	0.0152	J	0.038	J	0.0781		-	-	0.063	U	-	-	0.0116	J	0.0119	J	-	-	0.051	U	0.0282	J	0.00689	J	0.0285	J
Aroclor 1260	11096-82-5	3.2	mg/kg	-	-	0.0563	U	0.0155	J	0.014	J	0.0363	J	-	-	0.0196	J	-	-	0.0515	U	0.0528	U	-	-	0.051	U	0.016	J	0.0526	U	0.0164	J
Aroclor 1262	37324-23-5	3.2	mg/kg	-	-	0.0563	U	0.0534	U	0.0544	U	0.0565	U	-	-	0.063	U	-	-	0.0515	U	0.0528	U	-	-	0.051	U	0.05	U	0.0526	U	0.0505	U
Aroclor 1268	11100-14-4	3.2	mg/kg	-	-	0.0563	U	0.00583	J	0.00628	J	0.0406	J	-	-	0.0145	J	-	-	0.0515	U	0.0528	U	-	-	0.051	U	0.0117	J	0.0526	U	0.0084	J
PCBs, Total	1336-36-3	3.2	mg/kg	-	-	0.0198	J	0.0365	J	0.0583	J	0.155	J	-	-	0.0881	J	-	-	0.0116	J	0.0119	J	-	-	0.051	U	0.0559	J	0.00689	J	0.0533	J
Semivolatile Organics by GC/MS																																	
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.14	U	0.14	U	0.028	U	0.028	U	0.028	U	-	-	0.034	U	-	-	0.026	U	0.026	U	-	-	0.027	U	0.027	U	0.027	U	0.13	U
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	0.55	U	0.56	U	0.11	U	0.11	U	0.11	U	-	-	0.13	U	-	-	0.1	U	0.1	U	-	-	0.11	U	0.11	U	0.11	U	0.52	U
2,4-Dichlorophenol	120-83-2	~	mg/kg	0.83	U	0.84	U	0.17	U	0.17	U	0.17	U	-	-	0.2	U	-	-	0.16	U	0.16	U	-	-	0.16	U	0.16	U	0.16	U	0.78	U
2,4-Dimethylphenol	105-67-9	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
2,4-Dinitrophenol	51-28-5	~	mg/kg	4.4	U	4.5	U	0.88	U	0.89	U	0.9	U	-	-	1.1	U	-	-	0.84	U	0.84	U	-	-	0.86	U	0.86	U	0.86	U	4.2	U
2,4-Dinitrotoluene	121-14-2	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
2,6-Dinitrotoluene	606-20-2	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
2-Chloronaphthalene	91-58-7	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
2-Chlorophenol	95-57-8	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
2-Methylnaphthalene	91-57-6	~	mg/kg	0.13	J	1.1	U	0.36		0.12	J	0.12	J	-	-	0.49		-	-	0.12	J	0.095	J	-	-	0.031	J	0.22		0.13	J	0.5	J
2-Methylphenol	95-48-7	0.33	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-29-120523		EP-30-120423		EP-31-103023		EP-32-103123		EP-33-110123		EP-33-110123		EP-34-110223		EP-34-110223		EP-35-110323		EP-36-111023		EP-36-111023		EP-37-111323		EP-38-111523		EP-39-111523		EP-40	
SAMPLING DATE				12/5/2023		12/4/2023		10/30/2023		10/31/2023		11/1/2023		11/1/2023		11/2/2023		11/2/2023		11/3/2023		11/10/2023		11/10/2023		11/13/2023		11/15/2023		11/15/2023		11/17/2023	
LAB SAMPLE ID				L2371540-07		L2371219-20		L2364298-01		L2364557-02		L2364895-01		L2364895-01 R1		L2365118-01		L2365118-01 R1		L2365622-01		L2367176-09		L2367176-09 R1		L2367392-01		L2367903-04		L2367903-03		L2368694-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Nitroaniline	88-74-4	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
2-Nitrophenol	88-75-5	~	mg/kg	2	U	2	U	0.4	U	0.4	U	0.4	U	-	-	0.48	U	-	-	0.38	U	0.38	U	-	-	0.38	U	0.39	U	0.39	U	1.9	U
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	mg/kg	1.3	U	1.3	U	0.032	J	0.048	J	0.03	J	-	-	0.092	J	-	-	0.032	J	0.25	U	-	-	0.26	U	0.26	U	0.26	U	1.2	U
3-Nitroaniline	99-09-2	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	2.4	U	2.4	U	0.48	U	0.48	U	0.49	U	-	-	0.58	U	-	-	0.46	U	0.46	U	-	-	0.46	U	0.47	U	0.47	U	2.3	U
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
4-Chloroaniline	106-47-8	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
4-Nitroaniline	100-01-6	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.15	J	0.18	U	0.87	U
4-Nitrophenol	100-02-7	~	mg/kg	1.3	U	1.3	U	0.26	U	0.26	U	0.26	U	-	-	0.31	U	-	-	0.24	U	0.25	U	-	-	0.25	U	0.25	U	0.25	U	1.2	U
Acenaphthene	83-32-9	98	mg/kg	0.17	J	0.75	U	0.33		0.65		0.42		-	-	0.88		-	-	0.35		0.91		-	-	0.17		0.56		0.44		1.5	
Acenaphthylene	208-96-8	107	mg/kg	0.41	J	0.75	U	0.42		0.5		0.61		-	-	1.4		-	-	0.22		0.42		-	-	0.12	J	0.41		0.36		0.96	
Acetophenone	98-86-2	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
Anthracene	120-12-7	1000	mg/kg	0.58		0.56	U	1		1.7		1.3		-	-	3.3		-	-	0.8		3.1		-	-	0.42		1.4		1.1		4.8	
Benzo(a)anthracene	56-55-3	1	mg/kg	**1.6**		0.52	J	**2.9**		**3.8**		**4**		-	-	**6.9**		-	-	**2**		**7.3**	E	**8.5**		**1.2**		**3.4**		**2.6**		**8.1**	
Benzo(a)pyrene	50-32-8	22	mg/kg	2.1		0.55	J	2.5		3.8		4.2		-	-	6.7		-	-	2		7.4	E	8.5		1.2		3.3		2.6		8.4	
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	**2.3**		0.67		**2.8**		**4.6**		**4.8**		-	-	**7.4**		-	-	**2.2**		**8.8**	E	**10**		1.5		**4**		**3.1**		**9.3**	
Benzo(ghi)perylene	191-24-2	1000	mg/kg	1.7		0.32	J	1.4		2.4		2.5		-	-	4.1		-	-	1.2		3.8		-	-	0.66		1.9		1.5		4.5	
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	0.74		0.17	J	1.1		1.4		1.4		-	-	**2.9**		-	-	0.83		**2.6**		-	-	0.4		1.1		0.97		**2.4**	
Benzoic Acid	65-85-0	~	mg/kg	3	U	3	U	0.6	U	0.6	U	0.61	U	-	-	0.73	U	-	-	0.57	U	0.57	U	-	-	0.58	U	0.58	U	0.58	U	2.8	U
Benzyl Alcohol	100-51-6	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
Biphenyl	92-52-4	~	mg/kg	2.1	U	2.1	U	0.078	J	0.056	J	0.042	J	-	-	0.16	J	-	-	0.033	J	0.04	J	-	-	0.41	U	0.058	J	0.048	J	0.18	J
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	0.99	U	1	U	0.2	U	0.2	U	0.2	U	-	-	0.24	U	-	-	0.19	U	0.19	U	-	-	0.19	U	0.19	U	0.19	U	0.94	U
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	0.83	U	0.84	U	0.17	U	0.17	U	0.17	U	-	-	0.2	U	-	-	0.16	U	0.16	U	-	-	0.16	U	0.16	U	0.16	U	0.78	U
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	1.1	U	1.1	U	0.22	U	0.22	U	0.22	U	-	-	0.27	U	-	-	0.21	U	0.21	U	-	-	0.21	U	0.22	U	0.22	U	1	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.1	J	0.18	U	0.87	U
Butyl benzyl phthalate	85-68-7	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
Carbazole	86-74-8	~	mg/kg	0.18	J	0.93	U	0.36		0.67		0.44		-	-	0.9		-	-	0.3		0.67		-	-	0.11	J	0.39		0.25		0.74	J
Chrysene	218-01-9	1	mg/kg	**1.6**		0.51	J	**2.9**		**4**		**3.8**		-	-	**6.4**		-	-	**2.1**		**7**	E	**8.7**		**1.3**		**3.4**		**2.8**		**8.3**	
Di-n-butylphthalate	84-74-2	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
Di-n-octylphthalate	117-84-0	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	0.42	J	0.56	U	0.36		0.59		0.55		-	-	0.88		-	-	0.29		1.1		-	-	0.14		0.47		0.38		1.3	
Dibenzofuran	132-64-9	210	mg/kg	0.12	J	0.93	U	0.28		0.41		0.21		-	-	0.88		-	-	0.21		0.96		-	-	0.091	J	0.46		0.36		0.95	
Diethyl phthalate	84-66-2	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
Dimethyl phthalate	131-11-3	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
Fluoranthene	206-44-0	1000	mg/kg	3.3		1.1		5.3		6.4		7.6	E	8.3		15	E	14		3.4		12	E	18		1.7		4.4		5		18	
Fluorene	86-73-7	386	mg/kg	0.21	J	0.93	U	0.34		0.69		0.4		-	-	1.5		-	-	0.35		1.3		-	-	0.11	J	0.46		0.3		1.9	
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.55	U	0.56	U	0.11	U	0.11	U	0.11	U	-	-	0.13	U	-	-	0.1	U	0.1	U	-	-	0.11	U	0.11	U	0.11	U	0.52	U
Hexachlorobutadiene	87-68-3	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	2.6	U	2.7	U	0.53	U	0.53	U	0.54	U	-	-	0.64	U	-	-	0.5	U	0.5	U	-	-	0.51	U	0.52	U	0.51	U	2.5	U
Hexachloroethane	67-72-1	~	mg/kg	0.74	U	0.75	U	0.15	U	0.15	U	0.15	U	-	-	0.18	U	-	-	0.14	U	0.14	U	-	-	0.14	U	0.14	U	0.14	U	0.7	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	1.5		0.32	J	1.6		2.7		2.7		-	-	3.6		-	-	1.3		3.6		-	-	0.72		2.2		1.7		4	
Isophorone	78-59-1	~	mg/kg	0.83	U	0.84	U	0.17	U	0.17	U	0.17	U	-	-	0.2	U	-	-	0.16	U	0.16	U	-	-	0.16	U	0.16	U	0.16	U	0.78	U
n-Nitrosodi-n-propylamine	621-64-7	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
Naphthalene	91-20-3	12	mg/kg	0.19	J	0.93	U	0.5		0.24		0.24		-	-	0.94		-	-	0.31		0.32		-	-	0.067	J	0.58		0.27		0.74	J
NDPA/DPA	86-30-6	~	mg/kg	0.74	U	0.75	U	0.15	U	0.15	U	0.15	U	-	-	0.18	U	-	-	0.14	U	0.14	U	-	-	0.14	U	0.14	U	0.14	U	0.7	U
Nitrobenzene	98-95-3	~	mg/kg	0.83	U	0.84	U	0.17	U	0.17	U	0.17	U	-	-	0.2	U	-	-	0.16	U	0.16	U	-	-	0.16	U	0.16	U	0.16	U	0.78	U
p-Chloro-m-cresol	59-50-7	~	mg/kg	0.92	U	0.93	U	0.18	U	0.19	U	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
Pentachlorophenol	87-86-5	0.8	mg/kg	0.74	U	0.75	U	0.15	U	0.15	U	0.15	U	-	-	0.18	U	-	-	0.14	U	0.14	U	-	-	0.14	U	0.14	U	0.14	U	0.7	U
Phenanthrene	85-01-8	1000	mg/kg	2.3		0.57		4.4		5.9		5		-	-	12	E	10		3		8.1	E	10		1.6		3.9		2.6		16	
Phenol	108-95-2	0.33	mg/kg	0.92	U	0.93	U	0.18	U	0.029	J	0.19	U	-	-	0.22	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U	0.87	U
Pyrene	129-00-0	1000	mg/kg	2.7		0.96		5.2		5.8		7.2		-	-	13	E	12		3.3		10	E	15		2.4		5.8		4.9		18	
Total Metals																																	
Aluminum, Total	7429-90-5	~	mg/kg	-	-	4540		5430		4470		4850		-	-	6700		-	-	3840		4260		-	-	6260		5370		4670		4360	
Antimony, Total	7440-36-0	~	mg/kg	-	-	4.39	U	1.33	J	2.1	J	2.31	J	-	-	15		-	-	1.61	J	3.12	J	-	-	0.623	J	19		1.36	J	1.43	J
Arsenic, Total	7440-38-2	16	mg/kg	4.28		7.51		7.96		7.52		5.21		-	-	10.8		-	-	4.14		7.17		-	-	4.78		6.08		3.57		5.62	
Barium, Total	7440-39-3	820	mg/kg	-	-	86.2		102		271		206		-	-	361		-	-	128		156		-	-	162		277		117		283	
Beryllium, Total	7440-41-7	47	mg/kg	-	-	0.042	J	0.396	J	0.307	J	0.395	J	-	-	0.607		-	-	0.256	J	0.281	J	-	-	0.373	J	0.534		0.515		0.298	J
Cadmium, Total	7440-43-9	7.5	mg/kg	-	-	0.432	J	0.647	J	0.505	J	0.523	J	-	-	0.8	J	-	-	0.301	J	0.26	J	-	-	0.232	J	0.652	J	0.329	J	0.518	J
Calcium, Total	7440-70-2	~	mg/kg	-	-	35500		11400		13100		41900		-	-	22500		-	-	8240		9560		-	-	6570		9180		6060		13000	
Chromium, Total	7440-47-3	~	mg/kg	-	-	13		26.2		13.1		13.9		-	-	18.7		-	-	11.6		14		-	-	17.6		16.4		14.1		15.9	
Cobalt, Total	7440-48-4	~	mg/kg	-	-	3.7		7.02		5.1		5.41		-	-	8.42		-	-	4.14		4.96		-	-	5.43		6.25		5.76		5.17	
Copper, Total	7440-50-8	1720	mg/kg	-	-	28.3		50.8		36.8		35.1		-	-	61.8		-	-	27.7		23.1		-	-	33.2		35.4		43.9		56.9	
Iron, Total	7439-89-6	~	mg/kg	-	-	10500		27800		11700		11700		-	-	17700		-	-	10200		10700		-	-	12400		13800		11600		13600	
Lead, Total	7439-92-1	450	mg/kg	-	-	140		217		**531**		323		-	-	**736**		-	-	275		358		-	-	251		**631**		174		**499**	
Magnesium, Total	7439-95-4	~	mg/kg	-	-	7180		5820		3050		19800		-	-	4990		-	-	3320		3010		-	-	3020		3370		4040		4250	
Manganese, Total	7439-96-5	2000	mg/kg	-	-	188		299		196		246		-	-	256		-	-	174		155		-	-	226		220		188		200	
Mercury, Total	7439-97-6	0.73	mg/kg	-	-	0.199		0.343		0.656		0.445		-	-	**0.972**		-	-	0.328		0.442		-	-	0.376		0.572		0.433		0.708	
Nickel, Total	7440-02-0	130	mg/kg	-	-	13.3		42.1		24.6		27.4		-	-	36.2		-	-	25.5		33.5		-	-	32.3		38.6		30.4		32.5	
Potassium, Total	7440-09-7	~	mg/kg	-	-	664		959		885		895		-	-	1280		-	-	858		854		-	-	1120		1040		1210		946	
Selenium, Total	7782-49-2	4	mg/kg	-	-	1.76	U	0.815	J	0.386	J	1.79	U	-	-	2.14	U	-	-	0.536	J	0.223	J	-	-	0.288	J	1.65	U	1.68	U	0.435	J
Silver, Total	7440-22-4	8.3	mg/kg	-	-	0.439	U	0.425	U	0.438	U	0.448	U	-	-	0.535	U	-	-	0.413	U	0.3	J	-	-	0.421	U	0.413	U	0.421	U	0.408	U
Sodium, Total	7440-23-5	~	mg/kg	-	-	140	J	140	J	226		285		-	-	318		-	-	132	J	290		-	-	273		250		234		396	
Thallium, Total	7440-28-0	~	mg/kg	-	-	0.453	J	0.512	J	0.497	J	1.79	U	-	-	0.354	J	-	-	0.457	J	0.797	J	-	-	1.06	J	1.65	U	1.68	U	0.523	J
Vanadium, Total	7440-62-2	~	mg/kg	-	-	19.4		19.8		19.8		16.6		-	-	30.8		-	-	16.1		19		-	-	20.6		19.3		17.4		19.8	
Zinc, Total	7440-66-6	2480	mg/kg	-	-	107		220		316		299		-	-	450		-	-	168		186		-	-	149		274		138		292	
Volatile Organics by EPA 5035																																	
1,1,1,2-Tetrachloroethane	630-20-6	~	mg/kg	-	-	0.0006	U	0.00058	U	0.00057	U	0.0006	U	-	-	0.00078	U	-	-	0.00053	U	0.0005	U	-	-	0.0005	U	0.00056	U	0.00057	U	0.0006	U
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	-	-	0.0006	U	0.00058	U	0.00057	U	0.0006	U	-	-	0.00078	U	-	-	0.00053	U	0.0005	U	-	-	0.0005	U	0.00056	U	0.00057	U	0.0006	U
1,1,2,2-Tetrachloroethane	79-34-5	~	mg/kg	-	-	0.0006	U	0.00058	U	0.00057	U	0.0006	U	-	-	0.00078	U	-	-	0.00053	U	0.0005	U	-	-	0.0005	U	0.00056	U	0.00057	U	0.0006	U

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-29-120523		EP-30-120423		EP-31-103023		EP-32-103123		EP-33-110123		EP-33-110123		EP-34-110223		EP-34-110223		EP-35-110323		EP-36-111023		EP-36-111023		EP-37-111323		EP-38-111523		EP-39-111523		EP-40	
SAMPLING DATE				12/5/2023		12/4/2023		10/30/2023		10/31/2023		11/1/2023		11/1/2023		11/2/2023		11/2/2023		11/3/2023		11/10/2023		11/10/2023		11/13/2023		11/15/2023		11/15/2023		11/17/2023	
LAB SAMPLE ID				L2371540-07		L2371219-20		L2364298-01		L2364557-02		L2364895-01		L2364895-01 R1		L2365118-01		L2365118-01 R1		L2365622-01		L2367176-09		L2367176-09 R1		L2367392-01		L2367903-04		L2367903-03		L2368694-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1,2-Trichloroethane	79-00-5	~	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
1,1-Dichloroethane	75-34-3	0.27	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
1,1-Dichloroethene	75-35-4	0.33	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
1,1-Dichloropropene	563-58-6	~	mg/kg	-	-	0.0006	U	0.00058	U	0.00057	U	0.0006	U	-	-	0.00078	U	-	-	0.00053	U	0.0005	U	-	-	0.0005	U	0.00056	U	0.00057	U	0.0006	U
1,2,3-Trichlorobenzene	87-61-6	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
1,2,3-Trichloropropane	96-18-4	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	mg/kg	-	-	0.0024	U	0.0003	J	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.0023		0.0022	U	0.0023	U	0.00046	J
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0008	J
1,2-Dibromo-3-chloropropane	96-12-8	~	mg/kg	-	-	0.0036	U	0.0035	U	0.0034	U	0.0036	U	-	-	0.0047	U	-	-	0.0032	U	0.003	U	-	-	0.003	U	0.0033	U	0.0034	U	0.0036	U
1,2-Dibromoethane	106-93-4	~	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
1,2-Dichloroethane	107-06-2	0.02	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
1,2-Dichloroethene, Total	540-59-0	~	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0094	J	0.0052	J	0.0023	
1,2-Dichloropropane	78-87-5	~	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
1,3-Dichloropropane	142-28-9	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
1,3-Dichloropropene, Total	542-75-6	~	mg/kg	-	-	0.0006	U	0.00058	U	0.00057	U	0.0006	U	-	-	0.00078	U	-	-	0.00053	U	0.0005	U	-	-	0.0005	U	0.00056	U	0.00057	U	0.0006	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	0.096	U	0.092	U	0.091	U	0.096	U	-	-	0.12	U	-	-	0.085	U	0.08	U	-	-	0.079	U	0.089	U	0.091	U	0.097	U
2,2-Dichloropropane	594-20-7	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
2-Butanone	78-93-3	0.12	mg/kg	-	-	0.012	U	0.012	U	0.011	U	0.012	U	-	-	0.016	U	-	-	0.0043	J	0.01	U	-	-	0.0099	U	0.011	U	0.011	U	0.012	U
2-Hexanone	591-78-6	~	mg/kg	-	-	0.012	U	0.012	U	0.011	U	0.012	U	-	-	0.016	U	-	-	0.011	U	0.01	U	-	-	0.0099	U	0.011	U	0.011	U	0.012	U
4-Methyl-2-pentanone	108-10-1	~	mg/kg	-	-	0.012	U	0.012	U	0.011	U	0.012	U	-	-	0.016	U	-	-	0.011	U	0.01	U	-	-	0.0099	U	0.011	U	0.011	U	0.012	U
Acetone	67-64-1	0.05	mg/kg	-	-	0.012	U	0.012	U	0.014		0.012	U	-	-	0.016	U	-	-	0.036		0.01	U	-	-	0.0099	U	0.011	U	0.013		0.011	J
Acrylonitrile	107-13-1	~	mg/kg	-	-	0.0048	U	0.0046	U	0.0046	U	0.0048	U	-	-	0.0062	U	-	-	0.0042	U	0.004	U	-	-	0.004	U	0.0045	U	0.0046	U	0.0048	U
Benzene	71-43-2	0.06	mg/kg	-	-	0.0006	U	0.00058	U	0.00057	U	0.0006	U	-	-	0.00078	U	-	-	0.00053	U	0.0005	U	-	-	0.0005	U	0.00056	U	0.00057	U	0.0006	U
Bromobenzene	108-86-1	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
Bromochloromethane	74-97-5	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
Bromodichloromethane	75-27-4	~	mg/kg	-	-	0.0006	U	0.00058	U	0.00057	U	0.0006	U	-	-	0.00078	U	-	-	0.00053	U	0.0005	U	-	-	0.0005	U	0.00056	U	0.00057	U	0.0006	U
Bromoform	75-25-2	~	mg/kg	-	-	0.0048	U	0.0046	U	0.0046	U	0.0048	U	-	-	0.0062	U	-	-	0.0042	U	0.004	U	-	-	0.004	U	0.0045	U	0.0046	U	0.0048	U
Bromomethane	74-83-9	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
Carbon disulfide	75-15-0	~	mg/kg	-	-	0.012	U	0.012	U	0.011	U	0.012	U	-	-	0.016	U	-	-	0.011	U	0.01	U	-	-	0.0099	U	0.011	U	0.011	U	0.012	U
Carbon tetrachloride	56-23-5	0.76	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
Chlorobenzene	108-90-7	1.1	mg/kg	-	-	0.0006	U	0.00058	U	0.00057	U	0.0006	U	-	-	0.00078	U	-	-	0.00053	U	0.0005	U	-	-	0.0005	U	0.00056	U	0.00057	U	0.0006	U
Chloroethane	75-00-3	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
Chloroform	67-66-3	0.37	mg/kg	-	-	0.0018	U	0.0017	U	0.0017	U	0.0018	U	-	-	0.0023	U	-	-	0.0016	U	0.0015	U	-	-	0.0015	U	0.0017	U	0.0017	U	0.0018	U
Chloromethane	74-87-3	~	mg/kg	-	-	0.0048	U	0.0046	U	0.0046	U	0.0048	U	-	-	0.0062	U	-	-	0.0042	U	0.004	U	-	-	0.004	U	0.0045	U	0.0046	U	0.0048	U
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.009		0.0047		0.0023	
cis-1,3-Dichloropropene	10061-01-5	~	mg/kg	-	-	0.0006	U	0.00058	U	0.00057	U	0.0006	U	-	-	0.00078	U	-	-	0.00053	U	0.0005	U	-	-	0.0005	U	0.00056	U	0.00057	U	0.0006	U
Dibromochloromethane	124-48-1	~	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
Dibromomethane	74-95-3	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
Dichlorodifluoromethane	75-71-8	~	mg/kg	-	-	0.012	U	0.012	U	0.011	U	0.012	U	-	-	0.016	U	-	-	0.011	U	0.01	U	-	-	0.0099	U	0.011	U	0.011	U	0.012	U
Ethyl ether	60-29-7	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
Ethylbenzene	100-41-4	1	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
Hexachlorobutadiene	87-68-3	~	mg/kg	-	-	0.0048	U	0.0046	U	0.0046	U	0.0048	U	-	-	0.0062	U	-	-	0.0042	U	0.004	U	-	-	0.004	U	0.0045	U	0.0046	U	0.0048	U
Isopropylbenzene	98-82-8	~	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
Methylene chloride	75-09-2	0.05	mg/kg	-	-	0.006	U	0.0058	U	0.0057	U	0.006	U	-	-	0.0078	U	-	-	0.0053	U	0.005	U	-	-	0.005	U	0.0056	U	0.0057	U	0.006	U
n-Butylbenzene	104-51-8	12	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
n-Propylbenzene	103-65-1	3.9	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
Naphthalene	91-20-3	12	mg/kg	-	-	0.0048	U	0.0046	U	0.0031	J	0.001	J	-	-	0.0062	U	-	-	0.0018	J	0.004	U	-	-	0.00087	J	0.0017	J	0.0046	U	0.0051	
o-Chlorotoluene	95-49-8	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
o-Xylene	95-47-6	~	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.00044	J
p-Chlorotoluene	106-43-4	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
p-Diethylbenzene	105-05-5	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.00028	J	0.0022	U	0.0023	U	0.00065	J
p-Ethyltoluene	622-96-8	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0007	J
p-Isopropyltoluene	99-87-6	~	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.046	
p/m-Xylene	179601-23-1	~	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.002	U	0.0022	U	0.0023	U	0.0024	U
sec-Butylbenzene	135-98-8	11	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00017	J	0.0011	U	0.0011	U	0.0012	U
Styrene	100-42-5	~	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
tert-Butylbenzene	98-06-6	5.9	mg/kg	-	-	0.0024	U	0.0023	U	0.0023	U	0.0024	U	-	-	0.0031	U	-	-	0.0021	U	0.002	U	-	-	0.00012	J	0.0022	U	0.0023	U	0.0024	U
Tetrachloroethene	127-18-4	1.3	mg/kg	-	-	0.0006	U	0.00058	U	0.00057	U	0.0006	U	-	-	0.00078	U	-	-	0.00053	U	0.0005	U	-	-	0.0005	U	0.00056	U	0.00057	U	0.0007	
Toluene	108-88-3	0.7	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	-	-	0.0018	U	0.0017	U	0.0017	U	0.0018	U	-	-	0.0023	U	-	-	0.0016	U	0.0015	U	-	-	0.0015	U	0.0004	J	0.00046	J	0.0018	U
trans-1,3-Dichloropropene	10061-02-6	~	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
trans-1,4-Dichloro-2-butene	110-57-6	~	mg/kg	-	-	0.006	U	0.0058	U	0.0057	U	0.006	U	-	-	0.0078	U	-	-	0.0053	U	0.005	U	-	-	0.005	U	0.0056	U	0.0057	U	0.006	U
Trichloroethene	79-01-6	0.47	mg/kg	-	-	0.0006	U	0.00058	U	0.00057	U	0.0006	U	-	-	0.00078	U	-	-	0.00053	U	0.0005	U	-	-	0.0005	U	0.00056	U	0.00055	J	0.00044	J
Trichlorofluoromethane	75-69-4	~	mg/kg	-	-	0.0048	U	0.0046	U	0.0046	U	0.0048	U	-	-	0.0062	U	-	-	0.0042	U	0.004	U	-	-	0.004	U	0.0045	U	0.0046	U	0.0048	U
Vinyl acetate	108-05-4	~	mg/kg	-	-	0.012	U	0.012	U	0.011	U	0.012	U	-	-	0.016	U	-	-	0.011	U	0.01	U	-	-	0.0099	U	0.011	U	0.011	U	0.012	U
Vinyl chloride	75-01-4	0.02	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.0012	U
Xylenes, Total	1330-20-7	1.6	mg/kg	-	-	0.0012	U	0.0012	U	0.0011	U	0.0012	U	-	-	0.0016	U	-	-	0.0011	U	0.001	U	-	-	0.00099	U	0.0011	U	0.0011	U	0.00044	J

* Comparison is not performed on parameters with non-numeric criteria.
Exceedances are in Bold
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use C

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-41		EP-42-120423		EP-43-120423		EP-44-120423		EP-45-112823		EP-45-112823		EP-46-103023		EP-47-103123		EP-48-110123		EP-49-110223		EP-49-110223		EP-50-110323		EP-51-111023		EP-52-111323		EP-54-111523	
SAMPLING DATE				11/17/2023		12/4/2023		12/4/2023		12/4/2023		11/28/2023		11/28/2023		10/30/2023		10/31/2023		11/1/2023		11/2/2023		11/2/2023		11/3/2023		11/10/2023		11/13/2023		11/15/2023	
LAB SAMPLE ID				L2368694-02		L2371219-19		L2371219-16		L2371219-13		L2370017-06		L2372992-01		L2364298-02		L2364557-03		L2364895-02		L2365118-02		L2365118-02 R1		L2365622-02		L2367176-07		L2367392-02		L2367903-02	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																																	
Chromium, Hexavalent	18540-29-9	19	mg/kg	0.862	U	0.903	U	0.855	U	0.943	U	0.856	U	-	-	0.889	U	0.903	U	0.889	U	1.07	U	-	-	0.907	U	0.896	U	0.871	U	0.886	U
Cyanide, Total	57-12-5	40	mg/kg	1	U	-	-	1	U	-	-	-	-	0.81	J	1.1	U	1	U	0.26	J	0.34	J	-	-	0.62	J	0.24	J	1.1	U	0.28	J
Solids, Total	NONE	~	%	92.8		88.6		93.6		84.8		93.5		93.5		90		88.6		90		74.5		-	-	88.2		89.3		91.8		90.3	
Organochlorine Pesticides by GC																																	
4,4'-DDD	72-54-8	14	mg/kg	0.00616		-	-	0.00167	U	-	-	-	-	0.0175		0.0029		0.00375	IP	0.0216		0.0213	U	-	-	0.0072	P	0.00169	JIP	0.0101	P	0.00741	
4,4'-DDE	72-55-9	17	mg/kg	0.00268		-	-	0.00053	J	-	-	-	-	0.012		0.00171	U	0.00911		0.00606		0.0213	U	-	-	0.00161	JP	0.00176	U	0.00146	J	0.00173	U
4,4'-DDT	50-29-3	136	mg/kg	0.0017	IP	-	-	0.00167	U	-	-	-	-	0.0126		0.00171	U	0.00854	IP	0.006		0.0213	U	-	-	0.00358	P	0.00176	U	0.00269	P	0.00241	IP
Aldrin	309-00-2	0.19	mg/kg	0.00166	U	-	-	0.00167	U	-	-	-	-	0.00164	U	0.00171	U	0.00173	U	0.00171	U	0.0213	U	-	-	0.00178	U	0.00176	U	0.00171	U	0.00173	U
Alpha-BHC	319-84-6	0.02	mg/kg	0.000691	U	-	-	0.000696	U	-	-	-	-	0.000682	U	0.000711	U	0.00072	U	0.000712	U	0.00887	U	-	-	0.000743	U	0.000735	U	0.000712	U	0.00072	U
Beta-BHC	319-85-7	0.09	mg/kg	0.00166	U	-	-	0.00167	U	-	-	-	-	0.00164	U	0.00171	U	0.00173	U	0.00171	U	0.0213	U	-	-	0.00178	U	0.00176	U	0.00171	U	0.00173	U
Chlordane	57-74-9	~	mg/kg	0.0138	U	-	-	0.0139	U	-	-	-	-	0.0461		0.0142	U	0.0144	U	0.0142	U	0.177	U	-	-	0.0148	U	0.0147	U	0.0142	U	0.0144	U
cis-Chlordane	5103-71-9	2.9	mg/kg	0.00207	U	-	-	0.00209	U	-	-	-	-	0.00531		0.00213	U	0.00286		0.00226	IP	0.0266	U	-	-	0.00223	U	0.0022	U	0.00214	U	0.00216	U
Delta-BHC	319-86-8	0.25	mg/kg	0.00166	U	-	-	0.00167	U	-	-	-	-	0.00164	U	0.00171	U	0.00173	U	0.00171	U	0.0213	U	-	-	0.00178	U	0.00176	U	0.00171	U	0.00173	U
Dieldrin	60-57-1	0.1	mg/kg	0.00104	U	-	-	0.00104	U	-	-	-	-	0.00102	U	0.00107	U	0.00108	U	0.00107	U	0.0133	U	-	-	0.00111	U	0.0011	U	0.00107	U	0.00108	U
Endosulfan I	959-98-8	102	mg/kg	0.00166	U	-	-	0.00167	U	-	-	-	-	0.00164	U	0.00171	U	0.00173	U	0.00171	U	0.0213	U	-	-	0.00178	U	0.00176	U	0.00171	U	0.00173	U
Endosulfan II	33213-65-9	102	mg/kg	0.00166	U	-	-	0.00167	U	-	-	-	-	0.00164	U	0.00171	U	0.00173	U	0.00171	U	0.0213	U	-	-	0.00178	U	0.00176	U	0.00171	U	0.00173	U
Endosulfan sulfate	1031-07-8	1000	mg/kg	0.000691	U	-	-	0.000696	U	-	-	-	-	0.000682	U	0.000711	U	0.00072	U	0.000712	U	0.00887	U	-	-	0.000743	U	0.000735	U	0.000712	U	0.00072	U
Endrin	72-20-8	0.06	mg/kg	0.000691	U	-	-	0.000696	U	-	-	-	-	0.000682	U	0.000711	U	0.00072	U	0.000712	U	0.00887	U	-	-	0.000743	U	0.000735	U	0.000712	U	0.00072	U
Endrin aldehyde	7421-93-4	~	mg/kg	0.00207	U	-	-	0.00209	U	-	-	-	-	0.00205	U	0.00213	U	0.00216	U	0.00214	U	0.0266	U	-	-	0.00223	U	0.0022	U	0.00214	U	0.00216	U
Endrin ketone	53494-70-5	~	mg/kg	0.00166	U	-	-	0.00167	U	-	-	-	-	0.00164	U	0.00171	U	0.00173	U	0.00171	U	0.0213	U	-	-	0.00178	U	0.00176	U	0.00171	U	0.00173	U
Heptachlor	76-44-8	0.38	mg/kg	0.000829	U	-	-	0.000835	U	-	-	-	-	0.000514	J	0.000853	U	0.000864	U	0.000854	U	0.0106	U	-	-	0.000892	U	0.000882	U	0.000854	U	0.000863	U
Heptachlor epoxide	1024-57-3	~	mg/kg	0.00311	U	-	-	0.00313	U	-	-	-	-	0.00307	U	0.0032	U	0.00324	U	0.0032	U	0.0399	U	-	-	0.00334	U	0.00331	U	0.0032	U	0.00324	U
Lindane	58-89-9	0.1	mg/kg	0.000691	U	-	-	0.000696	U	-	-	-	-	0.000682	U	0.000711	U	0.00072	U	0.000712	U	0.00887	U	-	-	0.000743	U	0.000735	U	0.000712	U	0.00072	U
Methoxychlor	72-43-5	~	mg/kg	0.00311	U	-	-	0.00313	U	-	-	-	-	0.00307	U	0.0032	U	0.00324	U	0.0032	U	0.0399	U	-	-	0.00334	U	0.00331	U	0.0032	U	0.00324	U
Toxaphene	8001-35-2	~	mg/kg	0.0311	U	-	-	0.0313	U	-	-	-	-	0.0307	U	0.032	U	0.0324	U	0.032	U	0.399	U	-	-	0.0334	U	0.0331	U	0.032	U	0.0324	U
trans-Chlordane	5103-74-2	~	mg/kg	0.00207	U	-	-	0.00209	U	-	-	-	-	0.00471		0.00213	U	0.00836		0.00176	JIP	0.0266	U	-	-	0.00223	U	0.0022	U	0.00214	U	0.00216	U
Perfluorinated Alkyl Acids by EPA 1633																																	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4	~	mg/kg	-	-	-	-	0.000799	U	-	-	-	-	0.000725	U	0.000762	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2	27619-97-2	~	mg/kg	-	-	-	-	0.000799	U	-	-	-	-	0.000308	J	0.000762	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	2991-50-6	~	mg/kg	-	-	-	-	0.0002	U	-	-	-	-	0.000181	U	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Ac	2355-31-9	~	mg/kg	-	-	-	-	0.0002	U	-	-	-	-	0.000181	U	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	-	-	-	-	0.0002	U	-	-	-	-	0.000181	U	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	-	-	-	-	0.000799	U	-	-	-	-	0.000725	U	0.000762	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	-	-	-	-	0.0002	U	-	-	-	-	0.000181	U	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	-	-	-	-	0.0002	U	-	-	-	-	0.000181	U	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	-	-	-	-	0.0002	U	-	-	-	-	0.000181	U	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	-	-	-	-	0.0002	U	-	-	-	-	0.000181	U	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	-	-	-	-	0.0002	U	-	-	-	-	0.000181	U	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	-	-	-	-	0.000135	J	-	-	-	-	0.000181	U	0.00244		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	-	-	-	-	0.0002	U	-	-	-	-	0.000181	U	0.000132	JF	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	-	-	-	-	0.0002	U	-	-	-	-	0.000181	U	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	-	-	-	-	0.0002	U	-	-	-	-	0.000181	U	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	-	-	-	-	0.000121	J	-	-	-	-	0.000301		0.000668		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	-	-	-	-	0.000161	J	-	-	-	-	0.000049	J	0.000098	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	-	-	-	-	0.000399	U	-	-	-	-	0.000362	U	0.000381	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	-	-	-	-	0.0002	U	-	-	-	-	0.000181	U	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	-	-	-	-	0.0002	U	-	-	-	-	0.000181	U	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	-	-	-	-	0.0002	U	-	-	-	-	0.000181	U	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFOA/PFOS, Total	null	~	mg/kg	-	-	-	-	0.000282	J	-	-	-	-	0.00035	J	0.000766	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC																																	
Aroclor 1016	12674-11-2	3.2	mg/kg	0.0526	U	-	-	0.0518	U	-	-	-	-	0.0506	U	0.0538	U	0.0559	U	0.0531	U	0.0668	U	-	-	0.0555	U	0.0546	U	0.0508	U	0.0544	U
Aroclor 1221	11104-28-2	3.2	mg/kg	0.0526	U	-	-	0.0518	U	-	-	-	-	0.0506	U	0.0538	U	0.0559	U	0.0531	U	0.0668	U	-	-	0.0555	U	0.0546	U	0.0508	U	0.0544	U
Aroclor 1232	11141-16-5	3.2	mg/kg	0.0526	U	-	-	0.0518	U	-	-	-	-	0.0506	U	0.0538	U	0.0559	U	0.0531	U	0.0668	U	-	-	0.0555	U	0.0546	U	0.0508	U	0.0544	U
Aroclor 1242	53469-21-9	3.2	mg/kg	0.0526	U	-	-	0.0518	U	-	-	-	-	0.0506	U	0.0538	U	0.0559	U	0.0531	U	0.0668	U	-	-	0.0555	U	0.0546	U	0.0508	U	0.0544	U
Aroclor 1248	12672-29-6	3.2	mg/kg	0.0526	U	-	-	0.0518	U	-	-	-	-	0.0506	U	0.0538	U	0.0559	U	0.0531	U	0.0668	U	-	-	0.0555	U	0.0546	U	0.0508	U	0.0544	U
Aroclor 1254	11097-69-1	3.2	mg/kg	0.0115	J	-	-	0.0518	U	-	-	-	-	0.0506	U	0.609		0.103		0.0266	J	0.0419	J	-	-	0.119		0.0166	J	0.01	J	0.0255	J
Aroclor 1260	11096-82-5	3.2	mg/kg	0.0526	U	-	-	0.0518	U	-	-	-	-	0.0506	U	0.0538	U	0.0326	J	0.0133	J	0.0221	J	-	-	0.0283	J	0.0546	U	0.0508	U	0.024	J
Aroclor 1262	37324-23-5	3.2	mg/kg	0.0526	U	-	-	0.0518	U	-	-	-	-	0.0506	U	0.0538	U	0.0559	U	0.0531	U	0.0668	U	-	-	0.0555	U	0.0546	U	0.0508	U	0.0544	U
Aroclor 1268	11100-14-4	3.2	mg/kg	0.0526	U	-	-	0.0518	U	-	-	-	-	0.0506	U	0.0538	U	0.0124	J	0.00562	J	0.00794	J	-	-	0.0114	J	0.0546	U	0.0508	U	0.013	J
PCBs, Total	1336-36-3	3.2	mg/kg	0.0115	J	-	-	0.0518	U	-	-	-	-	0.0506	U	0.609		0.148	J	0.0455	J	0.0719	J	-	-	0.159	J	0.0166	J	0.01	J	0.0625	J
Semivolatile Organics by GC/MS																																	
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.027	U	0.028	U	0.026	U	0.15	U	0.026	U	-	-	0.027	U	0.028	U	0.027	U	0.033	U	-	-	0.028	U	0.027	U	0.027	U	0.027	U
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	0.11	U	0.11	U	0.1	U	0.58	U	0.1	U	-	-	0.11	U	0.11	U	0.11	U	0.13	U	-	-	0.11	U	0.11	U	0.11	U	0.11	U
2,4-Dichlorophenol	120-83-2	~	mg/kg	0.16	U	0.17	U	0.16	U	0.88	U	0.16	U	-	-	0.16	U	0.17	U	0.16	U	0.2	U	-	-	0.17	U	0.16	U	0.16	U	0.16	U
2,4-Dimethylphenol	105-67-9	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
2,4-Dinitrophenol	51-28-5	~	mg/kg	0.86	U	0.9	U	0.84	U	4.7	U	0.84	U	-	-	0.87	U	0.9	U	0.87	U	1.1	U	-	-	0.9	U	0.88	U	0.86	U	0.86	U
2,4-Dinitrotoluene	121-14-2	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
2,6-Dinitrotoluene	606-20-2	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
2-Chloronaphthalene	91-58-7	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
2-Chlorophenol	95-57-8	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
2-Methylnaphthalene	91-57-6	~	mg/kg	0.064	J	0.11	J	0.21	U	1.2	U	0.028	J	-	-	0.1	J	0.11	J	0.075	J	0.34		-	-	0.23		0.29		0.16	J	0.065	J
2-Methylphenol	95-48-7	0.33	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-41		EP-42-120423		EP-43-120423		EP-44-120423		EP-45-112823		EP-45-112823		EP-46-103023		EP-47-103123		EP-48-110123		EP-49-110223		EP-49-110223		EP-50-110323		EP-51-111023		EP-52-111323		EP-54-111523	
SAMPLING DATE				11/17/2023		12/4/2023		12/4/2023		12/4/2023		11/28/2023		11/28/2023		10/30/2023		10/31/2023		11/1/2023		11/2/2023		11/2/2023		11/3/2023		11/10/2023		11/13/2023		11/15/2023	
LAB SAMPLE ID				L2368694-02		L2371219-19		L2371219-16		L2371219-13		L2370017-06		L2372992-01		L2364298-02		L2364557-03		L2364895-02		L2365118-02		L2365118-02 R1		L2365622-02		L2367176-07		L2367392-02		L2367903-02	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Nitroaniline	88-74-4	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
2-Nitrophenol	88-75-5	~	mg/kg	0.38	U	0.4	U	0.38	U	2.1	U	0.38	U	-	-	0.39	U	0.4	U	0.39	U	0.48	U	-	-	0.4	U	0.39	U	0.39	U	0.39	U
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	mg/kg	0.078	J	0.27	U	0.25	U	1.4	U	0.25	U	-	-	0.26	U	0.038	J	0.26	U	0.083	J	-	-	0.058	J	0.033	J	0.028	J	0.26	U
3-Nitroaniline	99-09-2	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	0.46	U	0.48	U	0.46	U	2.5	U	0.45	U	-	-	0.47	U	0.49	U	0.47	U	0.58	U	-	-	0.48	U	0.48	U	0.46	U	0.47	U
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
4-Chloroaniline	106-47-8	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
4-Nitroaniline	100-01-6	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
4-Nitrophenol	100-02-7	~	mg/kg	0.25	U	0.26	U	0.24	U	1.4	U	0.24	U	-	-	0.25	U	0.26	U	0.25	U	0.31	U	-	-	0.26	U	0.26	U	0.25	U	0.25	U
Acenaphthene	83-32-9	98	mg/kg	0.095	J	0.46		0.14	U	0.13	J	0.077	J	-	-	0.16		0.27		0.21		0.53		-	-	0.55		0.41		0.57		0.29	
Acenaphthylene	208-96-8	107	mg/kg	0.11	J	0.18		0.14	U	0.41	J	0.1	J	-	-	0.19		0.37		0.33		0.71		-	-	0.31		0.46		0.4		0.56	
Acetophenone	98-86-2	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.048	J	0.028	J	0.18	U	0.18	U
Anthracene	120-12-7	1000	mg/kg	0.33		1.2		0.034	J	0.5	J	0.3		-	-	0.49		0.72		0.8		1.6		-	-	1.2		1.1		1.5		1.2	
Benzo(a)anthracene	56-55-3	1	mg/kg	**1**		**2.5**		0.083	J	**1.7**		0.79		-	-	**1.5**		**2.4**		**2.4**		**4.1**		-	-	**2.7**		**2.2**		**4**		**4.2**	
Benzo(a)pyrene	50-32-8	22	mg/kg	1		2.6		0.11	J	2.4		0.9		-	-	1.5		2.3		2.6		4.2		-	-	2.6		2.3		3.6		3.9	
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	1.3		**3.1**		0.12		**2.6**		1		-	-	**1.7**		**2.7**		**2.9**		**4.8**		-	-	**3.2**		**2.7**		**4.1**		**4.6**	
Benzo(ghi)perylene	191-24-2	1000	mg/kg	0.62		1.4		0.063	J	1.3		0.46		-	-	0.8		1.4		1.5		2.8		-	-	1.7		1.9		2		2.1	
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	0.32		0.84		0.043	J	0.94		0.29		-	-	0.59		0.96		1.1		1.3		-	-	1		0.8		1.3		1.4	
Benzoic Acid	65-85-0	~	mg/kg	0.58	U	0.6	U	0.57	U	3.2	U	0.57	U	-	-	0.59	U	0.61	U	0.59	U	0.72	U	-	-	0.6	U	0.59	U	0.58	U	0.58	U
Benzyl Alcohol	100-51-6	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
Biphenyl	92-52-4	~	mg/kg	0.41	U	0.034	J	0.4	U	2.2	U	0.4	U	-	-	0.029	J	0.036	J	0.029	J	0.13	J	-	-	0.077	J	0.11	J	0.057	J	0.41	U
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	0.19	U	0.2	U	0.19	U	1	U	0.19	U	-	-	0.2	U	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	0.19	U
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	0.16	U	0.17	U	0.16	U	0.88	U	0.16	U	-	-	0.16	U	0.17	U	0.16	U	0.2	U	-	-	0.17	U	0.16	U	0.16	U	0.16	U
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	0.21	U	0.22	U	0.21	U	1.2	U	0.21	U	-	-	0.22	U	0.22	U	0.22	U	0.27	U	-	-	0.22	U	0.22	U	0.21	U	0.22	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
Butyl benzyl phthalate	85-68-7	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
Carbazole	86-74-8	~	mg/kg	0.11	J	0.29		0.18	U	0.14	J	0.053	J	-	-	0.17	J	0.37		0.24		0.54		-	-	0.46		0.31		0.4		0.36	
Chrysene	218-01-9	1	mg/kg	**1**		**2.4**		0.08	J	**1.7**		0.73		-	-	**1.5**		**2.5**		**2.5**		**4**		-	-	**2.9**		**2.1**		**3.6**		**3.7**	
Di-n-butylphthalate	84-74-2	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.036	J	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.056	J
Di-n-octylphthalate	117-84-0	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	0.14		0.32		0.1	U	0.29	J	0.097	J	-	-	0.21		0.34		0.35		0.53		-	-	0.4		0.39		0.5		0.49	
Dibenzofuran	132-64-9	210	mg/kg	0.08	J	0.24		0.18	U	0.1	J	0.055	J	-	-	0.14	J	0.19		0.17	J	0.51		-	-	0.39		0.58		0.36		0.16	J
Diethyl phthalate	84-66-2	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
Dimethyl phthalate	131-11-3	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
Fluoranthene	206-44-0	1000	mg/kg	2		5		0.16		3.3		1.7		-	-	3		4.1		4.9		10	E	9		4.6		4.8		5		7	
Fluorene	86-73-7	386	mg/kg	0.1	J	0.43		0.18	U	0.14	J	0.098	J	-	-	0.17	J	0.25		0.17	J	0.58		-	-	0.5		0.41		0.63		0.34	
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.11	U	0.11	U	0.1	U	0.58	U	0.1	U	-	-	0.11	U	0.11	U	0.11	U	0.13	U	-	-	0.11	U	0.11	U	0.11	U	0.11	U
Hexachlorobutadiene	87-68-3	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	0.51	U	0.53	U	0.5	U	2.8	U	0.5	U	-	-	0.52	U	0.54	U	0.52	U	0.63	U	-	-	0.53	U	0.52	U	0.51	U	0.52	U
Hexachloroethane	67-72-1	~	mg/kg	0.14	U	0.15	U	0.14	U	0.78	U	0.14	U	-	-	0.14	U	0.15	U	0.14	U	0.18	U	-	-	0.15	U	0.15	U	0.14	U	0.14	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	0.66		1.6		0.065	J	1.4		0.42		-	-	0.93		1.6		1.7		2.3		-	-	1.7		1.5		2.3		2.5	
Isophorone	78-59-1	~	mg/kg	0.16	U	0.17	U	0.16	U	0.88	U	0.16	U	-	-	0.16	U	0.17	U	0.16	U	0.2	U	-	-	0.17	U	0.16	U	0.16	U	0.16	U
n-Nitrosodi-n-propylamine	621-64-7	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
Naphthalene	91-20-3	12	mg/kg	0.13	J	0.17	J	0.18	U	0.22	J	0.043	J	-	-	0.15	J	0.23		0.14	J	0.62		-	-	0.5		0.62		0.3		0.11	J
NDPA/DPA	86-30-6	~	mg/kg	0.14	U	0.15	U	0.14	U	0.78	U	0.14	U	-	-	0.14	U	0.15	U	0.14	U	0.18	U	-	-	0.15	U	0.15	U	0.14	U	0.14	U
Nitrobenzene	98-95-3	~	mg/kg	0.16	U	0.17	U	0.16	U	0.88	U	0.16	U	-	-	0.16	U	0.17	U	0.16	U	0.2	U	-	-	0.17	U	0.16	U	0.16	U	0.16	U
p-Chloro-m-cresol	59-50-7	~	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.19	U	0.18	U	0.22	U	-	-	0.19	U	0.18	U	0.18	U	0.18	U
Pentachlorophenol	87-86-5	0.8	mg/kg	0.14	U	0.15	U	0.14	U	0.78	U	0.14	U	-	-	0.14	U	0.15	U	0.14	U	0.18	U	-	-	0.15	U	0.15	U	0.14	U	0.14	U
Phenanthrene	85-01-8	1000	mg/kg	1.1		3.3		0.089	J	1.5		0.69		-	-	2		3.3		2.3		6.1		-	-	4		2.5		4.5		3.8	
Phenol	108-95-2	0.33	mg/kg	0.18	U	0.19	U	0.18	U	0.98	U	0.17	U	-	-	0.18	U	0.03	J	0.18	U	0.22	U	-	-	0.068	J	0.18	U	0.18	U	0.18	U
Pyrene	129-00-0	1000	mg/kg	1.8		4.5		0.15		3.1		1.4		-	-	2.7		3.9		4.5		9.1	E	8.2		4.2		4.2		6		6.4	
Total Metals																																	
Aluminum, Total	7429-90-5	~	mg/kg	4040		-	-	838		-	-	-	-	975		5320		5080		4020		6170		-	-	3890		6560		5650		4520	
Antimony, Total	7440-36-0	~	mg/kg	0.626	J	-	-	4.14	U	-	-	-	-	4.16	U	1.27	J	1.92	J	1.79	J	4.44	J	-	-	1.73	J	0.346	J	1.39	J	9.47	
Arsenic, Total	7440-38-2	16	mg/kg	4.55		6.23		1.03		5.95		1.36		1.21		6		7.56		3.64		**34.4**		-	-	8.41		4.62		6.9		9.46	
Barium, Total	7440-39-3	820	mg/kg	124		-	-	7.72		-	-	-	-	19.6		108		330		147		171		-	-	299		65.4		158		241	
Beryllium, Total	7440-41-7	47	mg/kg	0.277	J	-	-	0.414	U	-	-	-	-	0.416	U	0.432	J	0.369	J	0.383	J	0.722		-	-	0.339	J	0.445		0.373	J	0.481	
Cadmium, Total	7440-43-9	7.5	mg/kg	0.298	J	-	-	0.828	U	-	-	-	-	0.832	U	1.96		0.529	J	0.454	J	0.427	J	-	-	0.857	J	0.26	J	0.277	J	0.795	J
Calcium, Total	7440-70-2	~	mg/kg	9020		-	-	1390		-	-	-	-	6550		16700		19500		9810		13000		-	-	14100		8000		10100		17500	
Chromium, Total	7440-47-3	~	mg/kg	10.6		-	-	2.32		-	-	-	-	3.04		16.8		13.6		12.6		17.3		-	-	13.3		13.6		12.2		13.7	
Cobalt, Total	7440-48-4	~	mg/kg	4.96		-	-	0.549	J	-	-	-	-	1.05	J	6.13		5.46		5.28		11.5		-	-	4.66		5.2		4.6		5.02	
Copper, Total	7440-50-8	1720	mg/kg	53.4		-	-	3.07		-	-	-	-	7.23		52.1		39		23.2		104		-	-	76.1		64.5		75.1		101	
Iron, Total	7439-89-6	~	mg/kg	14000		-	-	2420		-	-	-	-	3790		16700		12800		9760		32800		-	-	11600		13400		13300		13500	
Lead, Total	7439-92-1	450	mg/kg	182		-	-	7.65		-	-	-	-	33		184		**654**		319		352		-	-	**808**		92.5		333		390	
Magnesium, Total	7439-95-4	~	mg/kg	3460		-	-	307		-	-	-	-	2740		4660		3380		3120		2870		-	-	2840		4040		4340		3090	
Manganese, Total	7439-96-5	2000	mg/kg	212		-	-	34.2		-	-	-	-	67.3		442		246		143		284		-	-	204		265		182		224	
Mercury, Total	7439-97-6	0.73	mg/kg	0.273		-	-	0.07	U	-	-	-	-	0.062	J	0.37		0.639		0.679		0.614		-	-	0.561		0.134		0.344		0.681	
Nickel, Total	7440-02-0	130	mg/kg	35		-	-	1.18	J	-	-	-	-	3.02		25.3		23.7		22.5		30.5		-	-	23.4		19.7		22.4		22.8	
Potassium, Total	7440-09-7	~	mg/kg	858		-	-	100	J	-	-	-	-	117	J	802		1090		814		1440		-	-	743		1070		684		765	
Selenium, Total	7782-49-2	4	mg/kg	0.217	J	-	-	1.66	U	-	-	-	-	1.66	U	0.527	J	0.362	J	1.72	U	**4.31**		-	-	0.949	J	1.75	U	0.295	J	0.568	J
Silver, Total	7440-22-4	8.3	mg/kg	0.406	U	-	-	0.414	U	-	-	-	-	0.416	U	0.439	U	0.443	U	0.431	U	0.521	U	-	-	0.341	J	0.264	J	0.239	J	0.428	U
Sodium, Total	7440-23-5	~	mg/kg	144	J	-	-	24.2	J	-	-	-	-	31.1	J	172	J	252		149	J	448		-	-	296		290		161	J	509	
Thallium, Total	7440-28-0	~	mg/kg	0.402	J	-	-	1.66	U	-	-	-	-	0.268	J	0.464	J	0.529	J	1.72	U	0.65	J	-	-	0.51	J	1	J	0.908	J	1.71	U
Vanadium, Total	7440-62-2	~	mg/kg	16.7		-	-	3.99		-	-	-	-	3.99		18.2		20.5		16.6		26.4		-	-	15.4		21.6		18.2		17.1	
Zinc, Total	7440-66-6	2480	mg/kg	125		-	-	7.41		-	-	-	-	26.1		340		282		227		225		-	-	410		175		241		323	
Volatile Organics by EPA 5035																																	
1,1,1,2-Tetrachloroethane	630-20-6	~	mg/kg	0.0005	U	-	-	0.00059	U	-	-	-	-	0.00055	U	0.0006	U	0.00053	U	0.00055	U	0.00079	U	-	-	0.00065	U	0.00054	U	0.00058	U	0.00066	U
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	0.0005	U	-	-	0.00059	U	-	-	-	-	0.00055	U	0.0006	U	0.00053	U	0.00055	U	0.00079	U	-	-	0.00065	U	0.00054	U	0.00058	U	0.00066	U
1,1,2,2-Tetrachloroethane	79-34-5	~	mg/kg	0.0005	U	-	-	0.00059	U	-	-	-	-	0.00055	U	0.0006	U	0.00053	U	0.00055	U	0.00079	U	-	-	0.00065	U	0.00054	U	0.00058	U	0.00066	U

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-41		EP-42-120423		EP-43-120423		EP-44-120423		EP-45-112823		EP-45-112823		EP-46-103023		EP-47-103123		EP-48-110123		EP-49-110223		EP-49-110223		EP-50-110323		EP-51-111023		EP-52-111323		EP-54-111523	
SAMPLING DATE				11/17/2023		12/4/2023		12/4/2023		12/4/2023		11/28/2023		11/28/2023		10/30/2023		10/31/2023		11/1/2023		11/2/2023		11/2/2023		11/3/2023		11/10/2023		11/13/2023		11/15/2023	
LAB SAMPLE ID				L2368694-02		L2371219-19		L2371219-16		L2371219-13		L2370017-06		L2372992-01		L2364298-02		L2364557-03		L2364895-02		L2365118-02		L2365118-02 R1		L2365622-02		L2367176-07		L2367392-02		L2367903-02	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1,2-Trichloroethane	79-00-5	~	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
1,1-Dichloroethane	75-34-3	0.27	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
1,1-Dichloroethene	75-35-4	0.33	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
1,1-Dichloropropene	563-58-6	~	mg/kg	0.0005	U	-	-	0.00059	U	-	-	-	-	0.00055	U	0.0006	U	0.00053	U	0.00055	U	0.00079	U	-	-	0.00065	U	0.00054	U	0.00058	U	0.00066	U
1,2,3-Trichlorobenzene	87-61-6	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
1,2,3-Trichloropropane	96-18-4	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0014	J	0.0024	U	0.00099	J	0.0022	U	0.0022	J	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
1,2-Dibromo-3-chloropropane	96-12-8	~	mg/kg	0.003	U	-	-	0.0035	U	-	-	-	-	0.0033	U	0.0036	U	0.0032	U	0.0033	U	0.0047	U	-	-	0.0039	U	0.0032	U	0.0035	U	0.0039	U
1,2-Dibromoethane	106-93-4	~	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
1,2-Dichloroethane	107-06-2	0.02	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
1,2-Dichloroethene, Total	540-59-0	~	mg/kg	0.0011		-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
1,2-Dichloropropane	78-87-5	~	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
1,3-Dichloropropane	142-28-9	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
1,3-Dichloropropene, Total	542-75-6	~	mg/kg	0.0005	U	-	-	0.00059	U	-	-	-	-	0.00055	U	0.0006	U	0.00053	U	0.00055	U	0.00079	U	-	-	0.00065	U	0.00054	U	0.00058	U	0.00066	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.08	U	-	-	0.094	U	-	-	-	-	0.089	U	0.095	U	0.085	U	0.088	U	0.13	U	-	-	0.1	U	0.086	U	0.093	U	0.1	U
2,2-Dichloropropane	594-20-7	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
2-Butanone	78-93-3	0.12	mg/kg	0.01	U	-	-	0.012	U	-	-	-	-	0.011	U	0.012	U	0.011	U	0.011	U	0.016	U	-	-	0.005	J	0.011	U	0.012	U	0.013	U
2-Hexanone	591-78-6	~	mg/kg	0.01	U	-	-	0.012	U	-	-	-	-	0.011	U	0.012	U	0.011	U	0.011	U	0.016	U	-	-	0.013	U	0.011	U	0.012	U	0.013	U
4-Methyl-2-pentanone	108-10-1	~	mg/kg	0.01	U	-	-	0.012	U	-	-	-	-	0.011	U	0.012	U	0.011	U	0.011	U	0.016	U	-	-	0.013	U	0.011	U	0.012	U	0.013	U
Acetone	67-64-1	0.05	mg/kg	0.01	U	-	-	0.012	U	-	-	-	-	0.011	U	0.012	U	0.0051	J	0.013		0.016	U	-	-	**0.061**		0.011	U	0.012	U	0.013	U
Acrylonitrile	107-13-1	~	mg/kg	0.004	U	-	-	0.0047	U	-	-	-	-	0.0044	U	0.0048	U	0.0042	U	0.0044	U	0.0063	U	-	-	0.0052	U	0.0043	U	0.0046	U	0.0052	U
Benzene	71-43-2	0.06	mg/kg	0.0005	U	-	-	0.00059	U	-	-	-	-	0.00055	U	0.0006	U	0.00053	U	0.00055	U	0.00079	U	-	-	0.00065	U	0.00054	U	0.00058	U	0.00066	U
Bromobenzene	108-86-1	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
Bromochloromethane	74-97-5	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
Bromodichloromethane	75-27-4	~	mg/kg	0.0005	U	-	-	0.00059	U	-	-	-	-	0.00055	U	0.0006	U	0.00053	U	0.00055	U	0.00079	U	-	-	0.00065	U	0.00054	U	0.00058	U	0.00066	U
Bromoform	75-25-2	~	mg/kg	0.004	U	-	-	0.0047	U	-	-	-	-	0.0044	U	0.0048	U	0.0042	U	0.0044	U	0.0063	U	-	-	0.0052	U	0.0043	U	0.0046	U	0.0052	U
Bromomethane	74-83-9	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
Carbon disulfide	75-15-0	~	mg/kg	0.01	U	-	-	0.012	U	-	-	-	-	0.011	U	0.012	U	0.011	U	0.011	U	0.016	U	-	-	0.013	U	0.011	U	0.012	U	0.013	U
Carbon tetrachloride	56-23-5	0.76	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
Chlorobenzene	108-90-7	1.1	mg/kg	0.0005	U	-	-	0.00059	U	-	-	-	-	0.00055	U	0.0006	U	0.00053	U	0.00055	U	0.00079	U	-	-	0.00065	U	0.00054	U	0.00058	U	0.00066	U
Chloroethane	75-00-3	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
Chloroform	67-66-3	0.37	mg/kg	0.0015	U	-	-	0.0018	U	-	-	-	-	0.0017	U	0.0018	U	0.0016	U	0.0016	U	0.0024	U	-	-	0.002	U	0.0016	U	0.0017	U	0.002	U
Chloromethane	74-87-3	~	mg/kg	0.004	U	-	-	0.0047	U	-	-	-	-	0.0044	U	0.0048	U	0.0042	U	0.0044	U	0.0063	U	-	-	0.0052	U	0.0043	U	0.0046	U	0.0052	U
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	0.0011		-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
cis-1,3-Dichloropropene	10061-01-5	~	mg/kg	0.0005	U	-	-	0.00059	U	-	-	-	-	0.00055	U	0.0006	U	0.00053	U	0.00055	U	0.00079	U	-	-	0.00065	U	0.00054	U	0.00058	U	0.00066	U
Dibromochloromethane	124-48-1	~	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
Dibromomethane	74-95-3	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
Dichlorodifluoromethane	75-71-8	~	mg/kg	0.01	U	-	-	0.012	U	-	-	-	-	0.011	U	0.012	U	0.011	U	0.011	U	0.016	U	-	-	0.013	U	0.011	U	0.012	U	0.013	U
Ethyl ether	60-29-7	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
Ethylbenzene	100-41-4	1	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
Hexachlorobutadiene	87-68-3	~	mg/kg	0.004	U	-	-	0.0047	U	-	-	-	-	0.0044	U	0.0048	U	0.0042	U	0.0044	U	0.0063	U	-	-	0.0052	U	0.0043	U	0.0046	U	0.0052	U
Isopropylbenzene	98-82-8	~	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
Methylene chloride	75-09-2	0.05	mg/kg	0.005	U	-	-	0.0059	U	-	-	-	-	0.0055	U	0.006	U	0.0053	U	0.0055	U	0.0079	U	-	-	0.0065	U	0.0054	U	0.0058	U	0.0066	U
n-Butylbenzene	104-51-8	12	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
n-Propylbenzene	103-65-1	3.9	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
Naphthalene	91-20-3	12	mg/kg	0.0007	J	-	-	0.0047	U	-	-	-	-	0.0044	U	0.0048	U	0.00088	J	0.0044	U	0.0063	U	-	-	0.0052	U	0.0043	U	0.0046	U	0.0052	U
o-Chlorotoluene	95-49-8	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
o-Xylene	95-47-6	~	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
p-Chlorotoluene	106-43-4	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
p-Diethylbenzene	105-05-5	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.00021	J	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
p-Ethyltoluene	622-96-8	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
p-Isopropyltoluene	99-87-6	~	mg/kg	0.00011	J	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.00096	J	0.0011	U	0.0012	U	0.0013	U
p/m-Xylene	179601-23-1	~	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
sec-Butylbenzene	135-98-8	11	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
Styrene	100-42-5	~	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
tert-Butylbenzene	98-06-6	5.9	mg/kg	0.002	U	-	-	0.0024	U	-	-	-	-	0.0022	U	0.0024	U	0.0021	U	0.0022	U	0.0032	U	-	-	0.0026	U	0.0021	U	0.0023	U	0.0026	U
Tetrachloroethene	127-18-4	1.3	mg/kg	0.00037	J	-	-	0.00059	U	-	-	-	-	0.00055	U	0.0006	U	0.0016		0.00055	U	0.00079	U	-	-	0.00065	U	0.00054	U	0.00058	U	0.00066	U
Toluene	108-88-3	0.7	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	0.0015	U	-	-	0.0018	U	-	-	-	-	0.0017	U	0.0018	U	0.0016	U	0.0016	U	0.0024	U	-	-	0.002	U	0.0016	U	0.0017	U	0.002	U
trans-1,3-Dichloropropene	10061-02-6	~	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
trans-1,4-Dichloro-2-butene	110-57-6	~	mg/kg	0.005	U	-	-	0.0059	U	-	-	-	-	0.0055	U	0.006	U	0.0053	U	0.0055	U	0.0079	U	-	-	0.0065	U	0.0054	U	0.0058	U	0.0066	U
Trichloroethene	79-01-6	0.47	mg/kg	0.0005	U	-	-	0.00059	U	-	-	-	-	0.00055	U	0.0006	U	0.00024	J	0.00055	U	0.00079	U	-	-	0.00065	U	0.00054	U	0.00058	U	0.00066	U
Trichlorofluoromethane	75-69-4	~	mg/kg	0.004	U	-	-	0.0047	U	-	-	-	-	0.0044	U	0.0048	U	0.0042	U	0.0044	U	0.0063	U	-	-	0.0052	U	0.0043	U	0.0046	U	0.0052	U
Vinyl acetate	108-05-4	~	mg/kg	0.01	U	-	-	0.012	U	-	-	-	-	0.011	U	0.012	U	0.011	U	0.011	U	0.016	U	-	-	0.013	U	0.011	U	0.012	U	0.013	U
Vinyl chloride	75-01-4	0.02	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U
Xylenes, Total	1330-20-7	1.6	mg/kg	0.001	U	-	-	0.0012	U	-	-	-	-	0.0011	U	0.0012	U	0.0011	U	0.0011	U	0.0016	U	-	-	0.0013	U	0.0011	U	0.0012	U	0.0013	U

* Comparison is not performed on parameters with non-numeric criteria.
Exceedances are in Bold
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use C

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-55		EP-55		EP-56-111623		EP-57-120423		EP-58-120423		EP-59-120423		EP-60-112723		EP-60-112723		EP-60-112723		EP-61-103123		EP-62-103123		EP-62-103123		EP-63-110123		EP-63-110123		EP-64-110223		EP-64-110223	
SAMPLING DATE				11/17/2023		11/17/2023		11/16/2023		12/4/2023		12/4/2023		12/4/2023		11/27/2023		11/27/2023		11/27/2023		10/31/2023		10/31/2023		10/31/2023		11/1/2023		11/1/2023		11/2/2023		11/2/2023	
LAB SAMPLE ID				L2368694-03		L2368694-03 R1		L2368313-05		L2371219-18		L2371219-12		L2371219-09		L2369780-03		L2373088-02		L2373088-02 R1		L2364557-01		L2364557-04		L2364557-04 R1		L2364895-03		L2364895-03 R1		L2365118-03		L2365118-03 R1	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																			
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																																			
Chromium, Hexavalent	18540-29-9	19	mg/kg	0.869	U	-	-	0.902	U	0.669	J	0.45	J	0.98	U	0.959	U	-	-	-	-	0.869	U	0.438	J	-	-	0.902	U	-	-	0.885	U	-	-
Cyanide, Total	57-12-5	40	mg/kg	0.39	J	-	-	1	U	-	-	-	-	-	-	-	-	0.5	J	-	-	1	U	1.1	U	-	-	0.25	J	-	-	0.38	J	-	-
Solids, Total	NONE	~	%	92.1		-	-	88.7		73.2		86.7		81.6		83.4		83.4		-	-	92.1		86.8		-	-	88.7		-	-	90.4		-	-
Organochlorine Pesticides by GC																																			
4,4'-DDD	72-54-8	14	mg/kg	0.00404		-	-	0.00372		-	-	-	-	-	-	-	-	0.00217		-	-	0.00167	U	0.00177	U	-	-	0.00177	U	-	-	0.00704		-	-
4,4'-DDE	72-55-9	17	mg/kg	0.0045		-	-	0.00161	J	-	-	-	-	-	-	-	-	0.00136	J	-	-	0.00167	U	0.0146		-	-	0.00315	IP	-	-	0.00317		-	-
4,4'-DDT	50-29-3	136	mg/kg	0.00369		-	-	0.00158	JIP	-	-	-	-	-	-	-	-	0.00189	U	-	-	0.00167	U	0.0443		-	-	0.0144		-	-	0.0184	IP	-	-
Aldrin	309-00-2	0.19	mg/kg	0.00166	U	-	-	0.00178	U	-	-	-	-	-	-	-	-	0.00189	U	-	-	0.00167	U	0.00177	U	-	-	0.00177	U	-	-	0.00172	U	-	-
Alpha-BHC	319-84-6	0.02	mg/kg	0.000694	U	-	-	0.00074	U	-	-	-	-	-	-	-	-	0.000788	U	-	-	0.000695	U	0.000739	U	-	-	0.000737	U	-	-	0.000714	U	-	-
Beta-BHC	319-85-7	0.09	mg/kg	0.00166	U	-	-	0.00178	U	-	-	-	-	-	-	-	-	0.00189	U	-	-	0.00167	U	0.00177	U	-	-	0.00177	U	-	-	0.00172	U	-	-
Chlordane	57-74-9	~	mg/kg	0.0139	U	-	-	0.0148	U	-	-	-	-	-	-	-	-	0.0158	U	-	-	0.0139	U	0.0568		-	-	0.0147	U	-	-	0.0143	U	-	-
cis-Chlordane	5103-71-9	2.9	mg/kg	0.00208	U	-	-	0.00222	U	-	-	-	-	-	-	-	-	0.00236	U	-	-	0.00208	U	0.00144	JIP	-	-	0.00221	U	-	-	0.00214	U	-	-
Delta-BHC	319-86-8	0.25	mg/kg	0.00166	U	-	-	0.00178	U	-	-	-	-	-	-	-	-	0.00189	U	-	-	0.00167	U	0.00177	U	-	-	0.00177	U	-	-	0.00172	U	-	-
Dieldrin	60-57-1	0.1	mg/kg	0.00104	U	-	-	0.00111	U	-	-	-	-	-	-	-	-	0.00118	U	-	-	0.00104	U	0.00111	U	-	-	0.00111	U	-	-	0.00107	U	-	-
Endosulfan I	959-98-8	102	mg/kg	0.00166	U	-	-	0.00178	U	-	-	-	-	-	-	-	-	0.00189	U	-	-	0.00167	U	0.00177	U	-	-	0.00177	U	-	-	0.00172	U	-	-
Endosulfan II	33213-65-9	102	mg/kg	0.00166	U	-	-	0.00178	U	-	-	-	-	-	-	-	-	0.00189	U	-	-	0.00167	U	0.00177	U	-	-	0.00177	U	-	-	0.00172	U	-	-
Endosulfan sulfate	1031-07-8	1000	mg/kg	0.000694	U	-	-	0.00074	U	-	-	-	-	-	-	-	-	0.000788	U	-	-	0.000695	U	0.000739	U	-	-	0.000737	U	-	-	0.000714	U	-	-
Endrin	72-20-8	0.06	mg/kg	0.000694	U	-	-	0.00074	U	-	-	-	-	-	-	-	-	0.000788	U	-	-	0.000695	U	0.000739	U	-	-	0.000737	U	-	-	0.000714	U	-	-
Endrin aldehyde	7421-93-4	~	mg/kg	0.00208	U	-	-	0.00222	U	-	-	-	-	-	-	-	-	0.00236	U	-	-	0.00208	U	0.00222	U	-	-	0.00221	U	-	-	0.00214	U	-	-
Endrin ketone	53494-70-5	~	mg/kg	0.00166	U	-	-	0.00178	U	-	-	-	-	-	-	-	-	0.00189	U	-	-	0.00167	U	0.00177	U	-	-	0.00177	U	-	-	0.00172	U	-	-
Heptachlor	76-44-8	0.38	mg/kg	0.000832	U	-	-	0.000888	U	-	-	-	-	-	-	-	-	0.000946	U	-	-	0.000834	U	0.000887	U	-	-	0.000885	U	-	-	0.000858	U	-	-
Heptachlor epoxide	1024-57-3	~	mg/kg	0.00312	U	-	-	0.00333	U	-	-	-	-	-	-	-	-	0.00355	U	-	-	0.00313	U	0.00332	U	-	-	0.00332	U	-	-	0.00322	U	-	-
Lindane	58-89-9	0.1	mg/kg	0.000694	U	-	-	0.00074	U	-	-	-	-	-	-	-	-	0.000788	U	-	-	0.000695	U	0.000739	U	-	-	0.000737	U	-	-	0.000714	U	-	-
Methoxychlor	72-43-5	~	mg/kg	0.00312	U	-	-	0.00333	U	-	-	-	-	-	-	-	-	0.00355	U	-	-	0.00313	U	0.00332	U	-	-	0.00332	U	-	-	0.00322	U	-	-
Toxaphene	8001-35-2	~	mg/kg	0.0312	U	-	-	0.0333	U	-	-	-	-	-	-	-	-	0.0355	U	-	-	0.0313	U	0.0332	U	-	-	0.0332	U	-	-	0.0322	U	-	-
trans-Chlordane	5103-74-2	~	mg/kg	0.00208	U	-	-	0.00222	U	-	-	-	-	-	-	-	-	0.00236	U	-	-	0.00208	U	0.00352	IP	-	-	0.00221	U	-	-	0.00214	U	-	-
Perfluorinated Alkyl Acids by EPA 1633																																			
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000777	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2	27619-97-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000777	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	2991-50-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Ac	2355-31-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000777	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000203		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000389	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFOA/PFOS, Total	null	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000203		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC																																			
Aroclor 1016	12674-11-2	3.2	mg/kg	0.0536	U	-	-	0.052	U	-	-	-	-	-	-	-	-	0.0566	U	-	-	0.0516	U	0.0544	U	-	-	0.053	U	-	-	0.054	U	-	-
Aroclor 1221	11104-28-2	3.2	mg/kg	0.0536	U	-	-	0.052	U	-	-	-	-	-	-	-	-	0.0566	U	-	-	0.0516	U	0.0544	U	-	-	0.053	U	-	-	0.054	U	-	-
Aroclor 1232	11141-16-5	3.2	mg/kg	0.0536	U	-	-	0.052	U	-	-	-	-	-	-	-	-	0.0566	U	-	-	0.0516	U	0.0544	U	-	-	0.053	U	-	-	0.054	U	-	-
Aroclor 1242	53469-21-9	3.2	mg/kg	0.0536	U	-	-	0.052	U	-	-	-	-	-	-	-	-	0.0566	U	-	-	0.0516	U	0.0544	U	-	-	0.053	U	-	-	0.054	U	-	-
Aroclor 1248	12672-29-6	3.2	mg/kg	0.0536	U	-	-	0.052	U	-	-	-	-	-	-	-	-	0.0566	U	-	-	0.0516	U	0.0544	U	-	-	0.053	U	-	-	0.054	U	-	-
Aroclor 1254	11097-69-1	3.2	mg/kg	0.00906	J	-	-	0.0101	J	-	-	-	-	-	-	-	-	0.0566	U	-	-	0.0386	J	0.0393	J	-	-	0.0564		-	-	0.11		-	-
Aroclor 1260	11096-82-5	3.2	mg/kg	0.0536	U	-	-	0.052	U	-	-	-	-	-	-	-	-	0.0566	U	-	-	0.0246	J	0.0443	J	-	-	0.0248	J	-	-	0.0451	J	-	-
Aroclor 1262	37324-23-5	3.2	mg/kg	0.0536	U	-	-	0.052	U	-	-	-	-	-	-	-	-	0.0566	U	-	-	0.0516	U	0.0544	U	-	-	0.053	U	-	-	0.054	U	-	-
Aroclor 1268	11100-14-4	3.2	mg/kg	0.0536	U	-	-	0.052	U	-	-	-	-	-	-	-	-	0.0566	U	-	-	0.0232	J	0.0195	J	-	-	0.0105	J	-	-	0.0261	J	-	-
PCBs, Total	1336-36-3	3.2	mg/kg	0.00906	J	-	-	0.0101	J	-	-	-	-	-	-	-	-	0.0566	U	-	-	0.0864	J	0.103	J	-	-	0.0917	J	-	-	0.181	J	-	-
Semivolatile Organics by GC/MS																																			
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
1,4-Dioxane	123-91-1	0.1	mg/kg	0.027	U	-	-	0.028	U	0.033	U	0.14	U	0.15	U	0.03	U	-	-	-	-	0.027	U	0.028	U	-	-	0.028	U	-	-	0.028	U	-	-
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	0.11	U	-	-	0.11	U	0.13	U	0.56	U	0.6	U	0.12	U	-	-	-	-	0.11	U	0.11	U	-	-	0.11	U	-	-	0.11	U	-	-
2,4-Dichlorophenol	120-83-2	~	mg/kg	0.16	U	-	-	0.17	U	0.2	U	0.85	U	0.91	U	0.18	U	-	-	-	-	0.16	U	0.17	U	-	-	0.17	U	-	-	0.16	U	-	-
2,4-Dimethylphenol	105-67-9	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
2,4-Dinitrophenol	51-28-5	~	mg/kg	0.86	U	-	-	0.89	U	1.1	U	4.5	U	4.8	U	0.94	U	-	-	-	-	0.85	U	0.91	U	-	-	0.9	U	-	-	0.88	U	-	-
2,4-Dinitrotoluene	121-14-2	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
2,6-Dinitrotoluene	606-20-2	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
2-Chloronaphthalene	91-58-7	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
2-Chlorophenol	95-57-8	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
2-Methylnaphthalene	91-57-6	~	mg/kg	0.52		-	-	0.21	J	0.14	J	1.1	U	0.16	J	0.14	J	-	-	-	-	0.14	J	0.37		-	-	0.37		-	-	0.29		-	-
2-Methylphenol	95-48-7	0.33	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-55		EP-55		EP-56-111623		EP-57-120423		EP-58-120423		EP-59-120423		EP-60-112723		EP-60-112723		EP-60-112723		EP-61-103123		EP-62-103123		EP-62-103123		EP-63-110123		EP-63-110123		EP-64-110223		EP-64-110223	
SAMPLING DATE				11/17/2023		11/17/2023		11/16/2023		12/4/2023		12/4/2023		12/4/2023		11/27/2023		11/27/2023		11/27/2023		10/31/2023		10/31/2023		10/31/2023		11/1/2023		11/1/2023		11/2/2023		11/2/2023	
LAB SAMPLE ID				L2368694-03		L2368694-03 R1		L2368313-05		L2371219-18		L2371219-12		L2371219-09		L2369780-03		L2373088-02		L2373088-02 R1		L2364557-01		L2364557-04		L2364557-04 R1		L2364895-03		L2364895-03 R1		L2365118-03		L2365118-03 R1	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																			
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Nitroaniline	88-74-4	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
2-Nitrophenol	88-75-5	~	mg/kg	0.39	U	-	-	0.4	U	0.48	U	2	U	2.2	U	0.42	U	-	-	-	-	0.38	U	0.41	U	-	-	0.4	U	-	-	0.4	U	-	-
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	mg/kg	0.087	J	-	-	0.048	J	0.047	J	1.4	U	1.4	U	0.28	U	-	-	-	-	0.058	J	0.12	J	-	-	0.051	J	-	-	0.086	J	-	-
3-Nitroaniline	99-09-2	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	0.46	U	-	-	0.48	U	0.58	U	2.4	U	2.6	U	0.51	U	-	-	-	-	0.46	U	0.49	U	-	-	0.48	U	-	-	0.48	U	-	-
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
4-Chloroaniline	106-47-8	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
4-Nitroaniline	100-01-6	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
4-Nitrophenol	100-02-7	~	mg/kg	0.25	U	-	-	0.26	U	0.31	U	1.3	U	1.4	U	0.28	U	-	-	-	-	0.25	U	0.27	U	-	-	0.26	U	-	-	0.26	U	-	-
Acenaphthene	83-32-9	98	mg/kg	1.1		-	-	0.44		0.16	J	0.23	J	0.21	J	0.16	U	-	-	-	-	0.26		0.72		-	-	0.74		-	-	0.47		-	-
Acenaphthylene	208-96-8	107	mg/kg	1.2		-	-	0.57		0.29		0.14	J	0.27	J	0.29		-	-	-	-	0.44		0.93		-	-	0.38		-	-	0.8		-	-
Acetophenone	98-86-2	~	mg/kg	0.023	J	-	-	0.038	J	0.22	U	0.94	U	1	U	0.034	J	-	-	-	-	0.18	U	0.048	J	-	-	0.026	J	-	-	0.18	U	-	-
Anthracene	120-12-7	1000	mg/kg	4		-	-	1.1		0.46		0.68		0.5	J	0.056	J	-	-	-	-	1.3		2.4		-	-	1.7		-	-	1.9		-	-
Benzo(a)anthracene	56-55-3	1	mg/kg	**11**	E	**12**		**2.8**		**1.3**		**1.7**		**1.3**		0.21		-	-	-	-	**2.6**		**5.2**		-	-	**3.6**		-	-	**5.4**		-	-
Benzo(a)pyrene	50-32-8	22	mg/kg	9.8	E	12		3.3		1.6		1.8		1.3		0.23		-	-	-	-	2.5		4.9		-	-	3.8		-	-	5.8		-	-
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	**13**	E	**14**		**3.7**		**1.9**		**2**		1.4		0.25		-	-	-	-	**2.9**		**5.8**		-	-	**4.4**		-	-	**6.7**		-	-
Benzo(ghi)perylene	191-24-2	1000	mg/kg	5.9		-	-	2.2		0.94		1.1		0.89		0.15	J	-	-	-	-	1.5		3.1		-	-	2.2		-	-	3.7		-	-
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	**2.1**		-	-	1.1		0.49		0.58		0.46	J	0.074	J	-	-	-	-	1.1		**1.9**		-	-	1.3		-	-	**2**		-	-
Benzoic Acid	65-85-0	~	mg/kg	0.58	U	-	-	0.6	U	0.72	U	3	U	3.3	U	0.64	U	-	-	-	-	0.58	U	0.62	U	-	-	0.6	U	-	-	0.6	U	-	-
Benzyl Alcohol	100-51-6	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.25		-	-	0.18	U	-	-
Biphenyl	92-52-4	~	mg/kg	0.15	J	-	-	0.07	J	0.041	J	2.2	U	2.3	U	0.027	J	-	-	-	-	0.057	J	0.11	J	-	-	0.11	J	-	-	0.099	J	-	-
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	0.19	U	-	-	0.2	U	0.24	U	1	U	1.1	U	0.21	U	-	-	-	-	0.19	U	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	0.16	U	-	-	0.17	U	0.2	U	0.85	U	0.91	U	0.18	U	-	-	-	-	0.16	U	0.17	U	-	-	0.17	U	-	-	0.16	U	-	-
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	0.22	U	-	-	0.22	U	0.27	U	1.1	U	1.2	U	0.24	U	-	-	-	-	0.21	U	0.23	U	-	-	0.22	U	-	-	0.22	U	-	-
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.1	J	-	-	0.19	U	-	-	0.068	J	-	-
Butyl benzyl phthalate	85-68-7	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
Carbazole	86-74-8	~	mg/kg	1.5		-	-	0.38		0.18	J	0.23	J	0.17	J	0.2	U	-	-	-	-	0.29		0.94		-	-	0.77		-	-	0.75		-	-
Chrysene	218-01-9	1	mg/kg	**8.7**	E	**11**		**3**		**1.4**		**1.7**		**1.3**		0.28		-	-	-	-	**2.7**		**5.6**		-	-	**3.8**		-	-	**5.3**		-	-
Di-n-butylphthalate	84-74-2	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
Di-n-octylphthalate	117-84-0	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	1.3		-	-	0.42		0.19		0.26	J	0.22	J	0.047	J	-	-	-	-	0.34		0.73		-	-	0.5		-	-	0.78		-	-
Dibenzofuran	132-64-9	210	mg/kg	0.9		-	-	0.28		0.15	J	0.13	J	0.14	J	0.021	J	-	-	-	-	0.29		0.55		-	-	0.62		-	-	0.44		-	-
Diethyl phthalate	84-66-2	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
Dimethyl phthalate	131-11-3	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
Fluoranthene	206-44-0	1000	mg/kg	22	E	26		5.3		2.8		3.6		2.3		0.21		-	-	-	-	5		8.4	E	11		8.1	E	10		12	E	11	
Fluorene	86-73-7	386	mg/kg	1.4		-	-	0.42		0.17	J	0.24	J	0.21	J	0.029	J	-	-	-	-	0.38		0.67		-	-	0.8		-	-	0.53		-	-
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.11	U	-	-	0.11	U	0.13	U	0.56	U	0.6	U	0.12	U	-	-	-	-	0.11	U	0.11	U	-	-	0.11	U	-	-	0.11	U	-	-
Hexachlorobutadiene	87-68-3	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	0.51	U	-	-	0.53	U	0.63	U	2.7	U	2.9	U	0.56	U	-	-	-	-	0.51	U	0.54	U	-	-	0.53	U	-	-	0.53	U	-	-
Hexachloroethane	67-72-1	~	mg/kg	0.14	U	-	-	0.15	U	0.18	U	0.75	U	0.81	U	0.16	U	-	-	-	-	0.14	U	0.15	U	-	-	0.15	U	-	-	0.15	U	-	-
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	6.7		-	-	2.2		0.98		0.91		0.7	J	0.13	J	-	-	-	-	1.6		3.2		-	-	2.4		-	-	3.3		-	-
Isophorone	78-59-1	~	mg/kg	0.16	U	-	-	0.17	U	0.2	U	0.85	U	0.91	U	0.18	U	-	-	-	-	0.16	U	0.17	U	-	-	0.17	U	-	-	0.16	U	-	-
n-Nitrosodi-n-propylamine	621-64-7	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
Naphthalene	91-20-3	12	mg/kg	0.97		-	-	0.38		0.27		0.94	U	0.34	J	0.21		-	-	-	-	0.32		0.83		-	-	0.9		-	-	0.64		-	-
NDPA/DPA	86-30-6	~	mg/kg	0.14	U	-	-	0.15	U	0.18	U	0.75	U	0.81	U	0.16	U	-	-	-	-	0.14	U	0.15	U	-	-	0.15	U	-	-	0.15	U	-	-
Nitrobenzene	98-95-3	~	mg/kg	0.16	U	-	-	0.17	U	0.2	U	0.85	U	0.91	U	0.18	U	-	-	-	-	0.16	U	0.17	U	-	-	0.17	U	-	-	0.16	U	-	-
p-Chloro-m-cresol	59-50-7	~	mg/kg	0.18	U	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.18	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-
Pentachlorophenol	87-86-5	0.8	mg/kg	0.14	U	-	-	0.15	U	0.18	U	0.75	U	0.81	U	0.16	U	-	-	-	-	0.14	U	0.15	U	-	-	0.15	U	-	-	0.15	U	-	-
Phenanthrene	85-01-8	1000	mg/kg	15	E	17		4.2		2		2.7		1.8		0.16		-	-	-	-	4.2		8.1	E	9.7		7.8	E	9.9		7.4	E	6.8	
Phenol	108-95-2	0.33	mg/kg	0.057	J	-	-	0.18	U	0.22	U	0.94	U	1	U	0.2	U	-	-	-	-	0.055	J	0.12	J	-	-	0.034	J	-	-	0.18	U	-	-
Pyrene	129-00-0	1000	mg/kg	20	E	23		5		2.6		3.2		2.4		0.34		-	-	-	-	4.4		7.7	E	9.8		7.1		-	-	11	E	10	
Total Metals																																			
Aluminum, Total	7429-90-5	~	mg/kg	4300		-	-	4770		-	-	-	-	-	-	7330		-	-	4590		4820		-	-	3880		-	-	5100		-	-		
Antimony, Total	7440-36-0	~	mg/kg	1.17	J	-	-	3.45	J	-	-	-	-	-	-	4.63	U	-	-	4.21	U	10.3		-	-	5.64		-	-	8.25		-	-		
Arsenic, Total	7440-38-2	16	mg/kg	9.95		-	-	10.5		14.1		11.4		13.3		11.4		11.9		-	-	5.42		**33.5**		-	-	11.5		-	-	11.3		-	-
Barium, Total	7440-39-3	820	mg/kg	187		-	-	158		-	-	-	-	-	-	-	-	223		-	-	84.6		506		-	-	152		-	-	211		-	-
Beryllium, Total	7440-41-7	47	mg/kg	0.319	J	-	-	0.37	J	-	-	-	-	-	-	-	-	0.16	J	-	-	0.327	J	0.362	J	-	-	0.496		-	-	0.545		-	-
Cadmium, Total	7440-43-9	7.5	mg/kg	0.525	J	-	-	0.394	J	-	-	-	-	-	-	-	-	0.926	U	-	-	0.283	J	1.64		-	-	1.18		-	-	2.21		-	-
Calcium, Total	7440-70-2	~	mg/kg	14900		-	-	26000		-	-	-	-	-	-	-	-	62500		-	-	16500		26300		-	-	10900		-	-	19400		-	-
Chromium, Total	7440-47-3	~	mg/kg	12.1		-	-	12.4		-	-	-	-	-	-	-	-	8.16		-	-	12.3		26.1		-	-	12.1		-	-	16.5		-	-
Cobalt, Total	7440-48-4	~	mg/kg	4.31		-	-	4.9		-	-	-	-	-	-	-	-	4.89		-	-	6.84		10.8		-	-	9.58		-	-	9.77		-	-
Copper, Total	7440-50-8	1720	mg/kg	88		-	-	79		-	-	-	-	-	-	-	-	25.6		-	-	35.6		221		-	-	229		-	-	118		-	-
Iron, Total	7439-89-6	~	mg/kg	13200		-	-	12300		-	-	-	-	-	-	-	-	11900		-	-	13600		33800		-	-	15400		-	-	18100		-	-
Lead, Total	7439-92-1	450	mg/kg	396		-	-	324		-	-	-	-	-	-	-	-	38.8		-	-	245		**992**		-	-	333		-	-	**485**		-	-
Magnesium, Total	7439-95-4	~	mg/kg	3170		-	-	7360		-	-	-	-	-	-	-	-	2800		-	-	4970		3440		-	-	2090		-	-	3150		-	-
Manganese, Total	7439-96-5	2000	mg/kg	192		-	-	167		-	-	-	-	-	-	-	-	201		-	-	225		532		-	-	251		-	-	262		-	-
Mercury, Total	7439-97-6	0.73	mg/kg	0.633		-	-	**1.03**		-	-	-	-	-	-	-	-	0.172		-	-	0.391		**3.14**		-	-	**0.797**		-	-	**1.16**		-	-
Nickel, Total	7440-02-0	130	mg/kg	18.9		-	-	20.2		-	-	-	-	-	-	-	-	13		-	-	37.1		42.7		-	-	24.5		-	-	24.9		-	-
Potassium, Total	7440-09-7	~	mg/kg	651		-	-	705		-	-	-	-	-	-	-	-	513		-	-	753		1060		-	-	768		-	-	1110		-	-
Selenium, Total	7782-49-2	4	mg/kg	0.405	J	-	-	0.665	J	-	-	-	-	-	-	-	-	0.606	J	-	-	0.297	J	1.01	J	-	-	0.897	J	-	-	0.273	J	-	-
Silver, Total	7440-22-4	8.3	mg/kg	0.422	U	-	-	0.5		-	-	-	-	-	-	-	-	0.463	U	-	-	0.421	U	0.738		-	-	0.45	U	-	-	0.434	U	-	-
Sodium, Total	7440-23-5	~	mg/kg	464		-	-	441		-	-	-	-	-	-	-	-	329		-	-	153	J	385		-	-	171	J	-	-	275		-	-
Thallium, Total	7440-28-0	~	mg/kg	0.485	J	-	-	1.75	U	-	-	-	-	-	-	-	-	0.376	J	-	-	0.44	J	0.399	J	-	-	0.485	J	-	-	0.371	J	-	-
Vanadium, Total	7440-62-2	~	mg/kg	16.2		-	-	16.6		-	-	-	-	-	-	-	-	11.2		-	-	16.1		52.2		-	-	15.7		-	-	24.2		-	-
Zinc, Total	7440-66-6	2480	mg/kg	275		-	-	225		-	-	-	-	-	-	-	-	59.3		-	-	478		694		-	-	327		-	-	1550		-	-
Volatile Organics by EPA 5035																																			
1,1,1,2-Tetrachloroethane	630-20-6	~	mg/kg	0.00069	U	-	-	0.00074	U	-	-	-	-	-	-	-	-	0.00099	U	0.00095	U	0.00054	U	0.00059	U	-	-	0.00068	U	-	-	0.00051	U	-	-
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	0.00069	U	-	-	0.00074	U	-	-	-	-	-	-	-	-	0.00099	U	0.00095	U	0.00054	U	0.00059	U	-	-	0.00068	U	-	-	0.00051	U	-	-
1,1,2,2-Tetrachloroethane	79-34-5	~	mg/kg	0.00069	U	-	-	0.00074	U	-	-	-	-	-	-	-	-	0.00099	U	0.00095	U	0.00054	U	0.00059	U	-	-	0.00068	U	-	-	0.00051	U	-	-

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-55		EP-55		EP-56-111623		EP-57-120423		EP-58-120423		EP-59-120423		EP-60-112723		EP-60-112723		EP-60-112723		EP-61-103123		EP-62-103123		EP-62-103123		EP-63-110123		EP-63-110123		EP-64-110223		EP-64-110223	
SAMPLING DATE				11/17/2023		11/17/2023		11/16/2023		12/4/2023		12/4/2023		12/4/2023		11/27/2023		11/27/2023		11/27/2023		10/31/2023		10/31/2023		10/31/2023		11/1/2023		11/1/2023		11/2/2023		11/2/2023	
LAB SAMPLE ID				L2368694-03		L2368694-03 R1		L2368313-05		L2371219-18		L2371219-12		L2371219-09		L2369780-03		L2373088-02		L2373088-02 R1		L2364557-01		L2364557-04		L2364557-04 R1		L2364895-03		L2364895-03 R1		L2365118-03		L2365118-03 R1	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																			
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1,2-Trichloroethane	79-00-5	~	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
1,1-Dichloroethane	75-34-3	0.27	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
1,1-Dichloroethene	75-35-4	0.33	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
1,1-Dichloropropene	563-58-6	~	mg/kg	0.00069	U	-	-	0.00074	U	-	-	-	-	-	-	-	-	0.00099	U	0.00095	U	0.00054	U	0.00059	U	-	-	0.00068	U	-	-	0.00051	U	-	-
1,2,3-Trichlorobenzene	87-61-6	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
1,2,3-Trichloropropane	96-18-4	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
1,2,4,5-Tetramethylbenzene	95-93-2	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.00037	J	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.00083	J	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
1,2-Dibromo-3-chloropropane	96-12-8	~	mg/kg	0.0041	U	-	-	0.0044	U	-	-	-	-	-	-	-	-	0.0059	U	0.0057	U	0.0032	U	0.0035	U	-	-	0.004	U	-	-	0.003	U	-	-
1,2-Dibromoethane	106-93-4	~	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
1,2-Dichloroethane	107-06-2	0.02	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
1,2-Dichloroethene, Total	540-59-0	~	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.00076	J	-	-
1,2-Dichloropropane	78-87-5	~	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
1,3-Dichloropropane	142-28-9	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
1,3-Dichloropropene, Total	542-75-6	~	mg/kg	0.00069	U	-	-	0.00074	U	-	-	-	-	-	-	-	-	0.00099	U	0.00095	U	0.00054	U	0.00059	U	-	-	0.00068	U	-	-	0.00051	U	-	-
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
1,4-Dioxane	123-91-1	0.1	mg/kg	0.11	U	-	-	0.12	U	-	-	-	-	-	-	-	-	0.16	U	0.15	U	0.086	U	0.094	U	-	-	0.11	U	-	-	0.081	U	-	-
2,2-Dichloropropane	594-20-7	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
2-Butanone	78-93-3	0.12	mg/kg	0.014	U	-	-	0.015	U	-	-	-	-	-	-	-	-	0.02	U	0.019	U	0.011	U	0.012	U	-	-	0.014	U	-	-	0.01	U	-	-
2-Hexanone	591-78-6	~	mg/kg	0.014	U	-	-	0.015	U	-	-	-	-	-	-	-	-	0.02	U	0.019	U	0.011	U	0.012	U	-	-	0.014	U	-	-	0.01	U	-	-
4-Methyl-2-pentanone	108-10-1	~	mg/kg	0.014	U	-	-	0.015	U	-	-	-	-	-	-	-	-	0.02	U	0.019	U	0.011	U	0.012	U	-	-	0.014	U	-	-	0.01	U	-	-
Acetone	67-64-1	0.05	mg/kg	0.014	U	-	-	0.015	U	-	-	-	-	-	-	-	-	0.02	U	0.019	U	0.011		0.012	U	-	-	0.014	U	-	-	0.01	U	-	-
Acrylonitrile	107-13-1	~	mg/kg	0.0055	U	-	-	0.0059	U	-	-	-	-	-	-	-	-	0.0079	U	0.0076	U	0.0043	U	0.0047	U	-	-	0.0054	U	-	-	0.0041	U	-	-
Benzene	71-43-2	0.06	mg/kg	0.00069	U	-	-	0.00074	U	-	-	-	-	-	-	-	-	0.0013		0.0016		0.00054	U	0.00059	U	-	-	0.00068	U	-	-	0.00051	U	-	-
Bromobenzene	108-86-1	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
Bromochloromethane	74-97-5	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
Bromodichloromethane	75-27-4	~	mg/kg	0.00069	U	-	-	0.00074	U	-	-	-	-	-	-	-	-	0.00099	U	0.00095	U	0.00054	U	0.00059	U	-	-	0.00068	U	-	-	0.00051	U	-	-
Bromoform	75-25-2	~	mg/kg	0.0055	U	-	-	0.0059	U	-	-	-	-	-	-	-	-	0.0079	U	0.0076	U	0.0043	U	0.0047	U	-	-	0.0054	U	-	-	0.0041	U	-	-
Bromomethane	74-83-9	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
Carbon disulfide	75-15-0	~	mg/kg	0.014	U	-	-	0.015	U	-	-	-	-	-	-	-	-	0.027		0.019	U	0.011	U	0.012	U	-	-	0.014	U	-	-	0.01	U	-	-
Carbon tetrachloride	56-23-5	0.76	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
Chlorobenzene	108-90-7	1.1	mg/kg	0.00069	U	-	-	0.00074	U	-	-	-	-	-	-	-	-	0.00099	U	0.00095	U	0.00054	U	0.00059	U	-	-	0.00068	U	-	-	0.00051	U	-	-
Chloroethane	75-00-3	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
Chloroform	67-66-3	0.37	mg/kg	0.0021	U	-	-	0.0022	U	-	-	-	-	-	-	-	-	0.0011	J	0.00093	J	0.0016	U	0.0018	U	-	-	0.002	U	-	-	0.0015	U	-	-
Chloromethane	74-87-3	~	mg/kg	0.0055	U	-	-	0.0059	U	-	-	-	-	-	-	-	-	0.0079	U	0.0076	U	0.0043	U	0.0047	U	-	-	0.0054	U	-	-	0.0041	U	-	-
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.00076	J	-	-
cis-1,3-Dichloropropene	10061-01-5	~	mg/kg	0.00069	U	-	-	0.00074	U	-	-	-	-	-	-	-	-	0.00099	U	0.00095	U	0.00054	U	0.00059	U	-	-	0.00068	U	-	-	0.00051	U	-	-
Dibromochloromethane	124-48-1	~	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
Dibromomethane	74-95-3	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
Dichlorodifluoromethane	75-71-8	~	mg/kg	0.014	U	-	-	0.015	U	-	-	-	-	-	-	-	-	0.02	U	0.019	U	0.011	U	0.012	U	-	-	0.014	U	-	-	0.01	U	-	-
Ethyl ether	60-29-7	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
Ethylbenzene	100-41-4	1	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.00037	J	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
Hexachlorobutadiene	87-68-3	~	mg/kg	0.0055	U	-	-	0.0059	U	-	-	-	-	-	-	-	-	0.0079	U	0.0076	U	0.0043	U	0.0047	U	-	-	0.0054	U	-	-	0.0041	U	-	-
Isopropylbenzene	98-82-8	~	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.00031	J	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.0012	J	0.00093	J	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
Methylene chloride	75-09-2	0.05	mg/kg	0.0069	U	-	-	0.0074	U	-	-	-	-	-	-	-	-	0.0099	U	0.0095	U	0.0054	U	0.0059	U	-	-	0.0068	U	-	-	0.0051	U	-	-
n-Butylbenzene	104-51-8	12	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
n-Propylbenzene	103-65-1	3.9	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0002	J	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
Naphthalene	91-20-3	12	mg/kg	0.0055	U	-	-	0.0059	U	-	-	-	-	-	-	-	-	0.0079	U	0.0076	U	0.0043	U	0.001	J	-	-	0.0054	U	-	-	0.0041	U	-	-
o-Chlorotoluene	95-49-8	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
o-Xylene	95-47-6	~	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
p-Chlorotoluene	106-43-4	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
p-Diethylbenzene	105-05-5	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
p-Ethyltoluene	622-96-8	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.0012	J	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
p-Isopropyltoluene	99-87-6	~	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.00031	J	-	-	0.0014	U	-	-	0.00078	J	-	-
p/m-Xylene	179601-23-1	~	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.0022	U	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
sec-Butylbenzene	135-98-8	11	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.00024	J	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
Styrene	100-42-5	~	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
tert-Butylbenzene	98-06-6	5.9	mg/kg	0.0028	U	-	-	0.003	U	-	-	-	-	-	-	-	-	0.004	U	0.0038	U	0.00017	J	0.0024	U	-	-	0.0027	U	-	-	0.002	U	-	-
Tetrachloroethene	127-18-4	1.3	mg/kg	0.00092		-	-	0.0011		-	-	-	-	-	-	-	-	0.00099	U	0.00095	U	0.00054	U	0.00064		-	-	0.00082		-	-	0.013		-	-
Toluene	108-88-3	0.7	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	0.0021	U	-	-	0.0022	U	-	-	-	-	-	-	-	-	0.003	U	0.0029	U	0.0016	U	0.0018	U	-	-	0.002	U	-	-	0.0015	U	-	-
trans-1,3-Dichloropropene	10061-02-6	~	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
trans-1,4-Dichloro-2-butene	110-57-6	~	mg/kg	0.0069	U	-	-	0.0074	U	-	-	-	-	-	-	-	-	0.0099	U	0.0095	U	0.0054	U	0.0059	U	-	-	0.0068	U	-	-	0.0051	U	-	-
Trichloroethene	79-01-6	0.47	mg/kg	0.00069	U	-	-	0.00074	U	-	-	-	-	-	-	-	-	0.00099	U	0.00095	U	0.00054	U	0.00059	U	-	-	0.00068	U	-	-	0.0019		-	-
Trichlorofluoromethane	75-69-4	~	mg/kg	0.0055	U	-	-	0.0059	U	-	-	-	-	-	-	-	-	0.0079	U	0.0076	U	0.0043	U	0.0047	U	-	-	0.0054	U	-	-	0.0041	U	-	-
Vinyl acetate	108-05-4	~	mg/kg	0.014	U	-	-	0.015	U	-	-	-	-	-	-	-	-	0.02	U	0.019	U	0.011	U	0.012	U	-	-	0.014	U	-	-	0.01	U	-	-
Vinyl chloride	75-01-4	0.02	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-
Xylenes, Total	1330-20-7	1.6	mg/kg	0.0014	U	-	-	0.0015	U	-	-	-	-	-	-	-	-	0.002	U	0.0019	U	0.0011	U	0.0012	U	-	-	0.0014	U	-	-	0.001	U	-	-

* Comparison is not performed on parameters with non-numeric criteria.
Exceedances are in Bold
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use C

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-65-110323		EP-65-110323		EP-66-111023		EP-66-111023		EP-67-111023		EP-67-111023		EP-68-111323		EP-68-111323		EP-69-111523		EP-69-111523		EP-70-111523		EP-71-111623		EP-71-111623		EP-72-111623		EP-72-111623	
SAMPLING DATE				11/3/2023		11/3/2023		11/10/2023		11/10/2023		11/10/2023		11/10/2023		11/13/2023		11/13/2023		11/15/2023		11/15/2023		11/15/2023		11/16/2023		11/16/2023		11/16/2023		11/16/2023	
LAB SAMPLE ID				L2365622-03		L2365622-03 R1		L2367176-06		L2367176-06 R1		L2367176-10		L2367176-10 R1		L2367392-03		L2367392-03 R1		L2367903-01		L2367903-01 R1		L2367903-05		L2368313-02		L2368313-02 R1		L2368313-04		L2372857-02	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																																	
Chromium, Hexavalent	18540-29-9	19	mg/kg	0.922	U	-	-	0.862	U	-	-	0.886	U	-	-	0.908	U	-	-	0.894	U	-	-	0.208	J	0.896	U	-	-	0.86	U	-	-
Cyanide, Total	57-12-5	40	mg/kg	0.31	J	-	-	0.22	J	-	-	0.36	J	-	-	0.54	J	-	-	1.1	U	-	-	0.25	J	0.27	J	-	-	1	U	-	-
Solids, Total	NONE	~	%	86.8		-	-	92.8		-	-	90.3		-	-	88.1		-	-	89.5		-	-	86.5		89.3		-	-	93		93	
Organochlorine Pesticides by GC																																	
4,4'-DDD	72-54-8	14	mg/kg	0.00433		-	-	0.00168	U	-	-	0.00786		-	-	0.00178	U	-	-	0.00172	J	-	-	0.00173	J	0.00176	U	-	-	0.00118	JIP	-	-
4,4'-DDE	72-55-9	17	mg/kg	0.00197	IP	-	-	0.00244		-	-	0.00175	U	-	-	0.00137	JIP	-	-	0.00177	U	-	-	0.000618	JIP	0.00176	U	-	-	0.00622		-	-
4,4'-DDT	50-29-3	136	mg/kg	0.00691	IP	-	-	0.00168	U	-	-	0.00175	U	-	-	0.0102		-	-	0.00177	U	-	-	0.00186		0.00176	U	-	-	0.00673		-	-
Aldrin	309-00-2	0.19	mg/kg	0.00183	U	-	-	0.00168	U	-	-	0.00175	U	-	-	0.00178	U	-	-	0.00177	U	-	-	0.00177	U	0.00176	U	-	-	0.00164	U	-	-
Alpha-BHC	319-84-6	0.02	mg/kg	0.000761	U	-	-	0.000702	U	-	-	0.00073	U	-	-	0.000742	U	-	-	0.000737	U	-	-	0.000738	U	0.000735	U	-	-	0.000684	U	-	-
Beta-BHC	319-85-7	0.09	mg/kg	0.00183	U	-	-	0.00168	U	-	-	0.00175	U	-	-	0.00178	U	-	-	0.00177	U	-	-	0.00177	U	0.00176	U	-	-	0.00164	U	-	-
Chlordane	57-74-9	~	mg/kg	0.0152	U	-	-	0.014	U	-	-	0.0146	U	-	-	0.0148	U	-	-	0.0147	U	-	-	0.0148	U	0.0147	U	-	-	0.029		-	-
cis-Chlordane	5103-71-9	2.9	mg/kg	0.00228	U	-	-	0.0021	U	-	-	0.00219	U	-	-	0.00223	U	-	-	0.00221	U	-	-	0.00221	U	0.0022	U	-	-	0.00445		-	-
Delta-BHC	319-86-8	0.25	mg/kg	0.00183	U	-	-	0.00168	U	-	-	0.00175	U	-	-	0.00178	U	-	-	0.00177	U	-	-	0.00177	U	0.00176	U	-	-	0.00164	U	-	-
Dieldrin	60-57-1	0.1	mg/kg	0.00114	U	-	-	0.00105	U	-	-	0.0011	U	-	-	0.00111	U	-	-	0.0011	U	-	-	0.00111	U	0.0011	U	-	-	0.00103	U	-	-
Endosulfan I	959-98-8	102	mg/kg	0.00183	U	-	-	0.00168	U	-	-	0.00175	U	-	-	0.00178	U	-	-	0.00177	U	-	-	0.00177	U	0.00176	U	-	-	0.00164	U	-	-
Endosulfan II	33213-65-9	102	mg/kg	0.00183	U	-	-	0.00168	U	-	-	0.00175	U	-	-	0.00178	U	-	-	0.00177	U	-	-	0.00177	U	0.00176	U	-	-	0.00164	U	-	-
Endosulfan sulfate	1031-07-8	1000	mg/kg	0.000761	U	-	-	0.000702	U	-	-	0.00073	U	-	-	0.000742	U	-	-	0.000737	U	-	-	0.000738	U	0.000735	U	-	-	0.000684	U	-	-
Endrin	72-20-8	0.06	mg/kg	0.000761	U	-	-	0.000702	U	-	-	0.00073	U	-	-	0.000742	U	-	-	0.000737	U	-	-	0.000738	U	0.000735	U	-	-	0.000684	U	-	-
Endrin aldehyde	7421-93-4	~	mg/kg	0.00228	U	-	-	0.0021	U	-	-	0.00219	U	-	-	0.00223	U	-	-	0.00221	U	-	-	0.00221	U	0.0022	U	-	-	0.00205	U	-	-
Endrin ketone	53494-70-5	~	mg/kg	0.00183	U	-	-	0.00168	U	-	-	0.00175	U	-	-	0.00178	U	-	-	0.00177	U	-	-	0.00177	U	0.00176	U	-	-	0.00164	U	-	-
Heptachlor	76-44-8	0.38	mg/kg	0.000913	U	-	-	0.000842	U	-	-	0.000876	U	-	-	0.000891	U	-	-	0.000884	U	-	-	0.000885	U	0.000882	U	-	-	0.000821	U	-	-
Heptachlor epoxide	1024-57-3	~	mg/kg	0.00342	U	-	-	0.00316	U	-	-	0.00328	U	-	-	0.00334	U	-	-	0.00332	U	-	-	0.00332	U	0.00331	U	-	-	0.00308	U	-	-
Lindane	58-89-9	0.1	mg/kg	0.000761	U	-	-	0.000702	U	-	-	0.00073	U	-	-	0.000742	U	-	-	0.000737	U	-	-	0.000738	U	0.000735	U	-	-	0.000684	U	-	-
Methoxychlor	72-43-5	~	mg/kg	0.00342	U	-	-	0.00316	U	-	-	0.00328	U	-	-	0.00334	U	-	-	0.00332	U	-	-	0.00332	U	0.00331	U	-	-	0.00308	U	-	-
Toxaphene	8001-35-2	~	mg/kg	0.0342	U	-	-	0.0316	U	-	-	0.0328	U	-	-	0.0334	U	-	-	0.0332	U	-	-	0.0332	U	0.0331	U	-	-	0.0308	U	-	-
trans-Chlordane	5103-74-2	~	mg/kg	0.00228	U	-	-	0.0021	U	-	-	0.00219	U	-	-	0.00223	U	-	-	0.00221	U	-	-	0.00221	U	0.0022	U	-	-	0.00399		-	-
Perfluorinated Alkyl Acids by EPA 1633																																	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000775	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2	27619-97-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000775	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	2991-50-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U
N-Methyl Perfluorooctanesulfonamidoacetic Ac	2355-31-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000054	JF
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000775	U
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000054	J
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000139	J
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.00105**	
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000112	J
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000387	U
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000194	U
PFOA/PFOS, Total	null	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00116	J
Polychlorinated Biphenyls by GC																																	
Aroclor 1016	12674-11-2	3.2	mg/kg	0.0549	U	-	-	0.0511	U	-	-	0.0526	U	-	-	0.0556	U	-	-	0.0538	U	-	-	0.0564	U	0.0536	U	-	-	0.0516	U	-	-
Aroclor 1221	11104-28-2	3.2	mg/kg	0.0549	U	-	-	0.0511	U	-	-	0.0526	U	-	-	0.0556	U	-	-	0.0538	U	-	-	0.0564	U	0.0536	U	-	-	0.0516	U	-	-
Aroclor 1232	11141-16-5	3.2	mg/kg	0.0549	U	-	-	0.0511	U	-	-	0.0526	U	-	-	0.0556	U	-	-	0.0538	U	-	-	0.0564	U	0.0536	U	-	-	0.0516	U	-	-
Aroclor 1242	53469-21-9	3.2	mg/kg	0.0549	U	-	-	0.0511	U	-	-	0.0526	U	-	-	0.0556	U	-	-	0.0538	U	-	-	0.0564	U	0.0536	U	-	-	0.0516	U	-	-
Aroclor 1248	12672-29-6	3.2	mg/kg	0.0549	U	-	-	0.0511	U	-	-	0.0526	U	-	-	0.0556	U	-	-	0.0538	U	-	-	0.0564	U	0.0536	U	-	-	0.0516	U	-	-
Aroclor 1254	11097-69-1	3.2	mg/kg	0.0808		-	-	0.0425	J	-	-	0.324		-	-	0.015	J	-	-	0.0128	J	-	-	0.0107	J	0.0536	U	-	-	0.0158	J	-	-
Aroclor 1260	11096-82-5	3.2	mg/kg	0.0512	J	-	-	0.0511	U	-	-	0.0526	U	-	-	0.0556	U	-	-	0.0112	J	-	-	0.0564	U	0.0536	U	-	-	0.0282	JP	-	-
Aroclor 1262	37324-23-5	3.2	mg/kg	0.0549	U	-	-	0.0511	U	-	-	0.0526	U	-	-	0.0556	U	-	-	0.0538	U	-	-	0.0564	U	0.0536	U	-	-	0.0516	U	-	-
Aroclor 1268	11100-14-4	3.2	mg/kg	0.0265	J	-	-	0.0511	U	-	-	0.0526	U	-	-	0.0556	U	-	-	0.0538	U	-	-	0.0564	U	0.0536	U	-	-	0.00849	J	-	-
PCBs, Total	1336-36-3	3.2	mg/kg	0.159	J	-	-	0.0425	J	-	-	0.324		-	-	0.015	J	-	-	0.024	J	-	-	0.0107	J	0.0536	U	-	-	0.0525	J	-	-
Semivolatile Organics by GC/MS																																	
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.19	U	-	-	0.18	U	-	-	0.037	J	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
1,4-Dioxane	123-91-1	0.1	mg/kg	0.028	U	-	-	0.026	U	-	-	0.027	U	-	-	0.028	U	-	-	0.028	U	-	-	0.028	U	0.028	U	-	-	0.026	U	-	-
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	0.11	U	-	-	0.1	U	-	-	0.11	U	-	-	0.11	U	-	-	0.11	U	-	-	0.11	U	0.11	U	-	-	0.1	U	-	-
2,4-Dichlorophenol	120-83-2	~	mg/kg	0.17	U	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	-	-	0.17	U	0.17	U	-	-	0.16	U	-	-
2,4-Dimethylphenol	105-67-9	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
2,4-Dinitrophenol	51-28-5	~	mg/kg	0.9	U	-	-	0.84	U	-	-	0.86	U	-	-	0.88	U	-	-	0.88	U	-	-	0.91	U	0.89	U	-	-	0.84	U	-	-
2,4-Dinitrotoluene	121-14-2	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
2,6-Dinitrotoluene	606-20-2	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
2-Chloronaphthalene	91-58-7	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
2-Chlorophenol	95-57-8	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
2-Methylnaphthalene	91-57-6	~	mg/kg	0.45		-	-	0.44		-	-	0.55		-	-	0.2	J	-	-	0.66		-	-	0.069	J	0.37		-	-	0.041	J	-	-
2-Methylphenol	95-48-7	0.33	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-65-110323		EP-65-110323		EP-66-111023		EP-66-111023		EP-67-111023		EP-67-111023		EP-68-111323		EP-68-111323		EP-69-111523		EP-69-111523		EP-70-111523		EP-71-111623		EP-71-111623		EP-72-111623		EP-72-111623	
SAMPLING DATE				11/3/2023		11/3/2023		11/10/2023		11/10/2023		11/10/2023		11/10/2023		11/13/2023		11/13/2023		11/15/2023		11/15/2023		11/15/2023		11/16/2023		11/16/2023		11/16/2023		11/16/2023	
LAB SAMPLE ID				L2365622-03		L2365622-03 R1		L2367176-06		L2367176-06 R1		L2367176-10		L2367176-10 R1		L2367392-03		L2367392-03 R1		L2367903-01		L2367903-01 R1		L2367903-05		L2368313-02		L2368313-02 R1		L2368313-04		L2372857-02	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Nitroaniline	88-74-4	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
2-Nitrophenol	88-75-5	~	mg/kg	0.4	U	-	-	0.38	U	-	-	0.39	U	-	-	0.4	U	-	-	0.4	U	-	-	0.41	U	0.4	U	-	-	0.38	U	-	-
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	mg/kg	0.08	J	-	-	0.086	J	-	-	0.059	J	-	-	0.036	J	-	-	0.08	J	-	-	0.27	U	0.069	J	-	-	0.25	U	-	-
3-Nitroaniline	99-09-2	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	0.49	U	-	-	0.46	U	-	-	0.46	U	-	-	0.48	U	-	-	0.48	U	-	-	0.49	U	0.48	U	-	-	0.46	U	-	-
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
4-Chloroaniline	106-47-8	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
4-Nitroaniline	100-01-6	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
4-Nitrophenol	100-02-7	~	mg/kg	0.26	U	-	-	0.25	U	-	-	0.25	U	-	-	0.26	U	-	-	0.26	U	-	-	0.26	U	0.26	U	-	-	0.25	U	-	-
Acenaphthene	83-32-9	98	mg/kg	0.77		-	-	1		-	-	0.68		-	-	0.49		-	-	1.7		-	-	0.24		0.6		-	-	0.042	J	-	-
Acenaphthylene	208-96-8	107	mg/kg	0.77		-	-	1.5		-	-	0.98		-	-	0.83		-	-	1.1		-	-	0.79		0.61		-	-	0.11	J	-	-
Acetophenone	98-86-2	~	mg/kg	0.081	J	-	-	0.04	J	-	-	0.11	J	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
Anthracene	120-12-7	1000	mg/kg	1.9		-	-	3.8		-	-	2.2		-	-	1.8		-	-	4.2		-	-	0.96		2		-	-	0.18		-	-
Benzo(a)anthracene	56-55-3	1	mg/kg	**4.7**		-	-	**11**	E	**11**		**5.2**		-	-	**4.9**		-	-	**9.6**	E	**10**		**3.6**		**4.5**		-	-	0.58		-	-
Benzo(a)pyrene	50-32-8	22	mg/kg	4.6		-	-	13	E	12		5.8		-	-	5.4		-	-	8.6	E	9.3		4.1		4.6		-	-	0.68		-	-
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	**5.5**		-	-	**12**	E	**13**		**6.6**		-	-	**6.3**		-	-	**11**	E	**11**		**5.1**		**5.2**		-	-	0.83		-	-
Benzo(ghi)perylene	191-24-2	1000	mg/kg	3		-	-	6.2		-	-	3.2		-	-	3.2		-	-	5		-	-	2.2		2.7		-	-	0.43		-	-
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	1.5		-	-	**6**		-	-	**1.8**		-	-	1.3		-	-	**2.2**		-	-	1.1		1.2		-	-	0.21		-	-
Benzoic Acid	65-85-0	~	mg/kg	0.6	U	-	-	0.57	U	-	-	0.58	U	-	-	0.6	U	-	-	0.59	U	-	-	0.61	U	0.6	U	-	-	0.57	U	-	-
Benzyl Alcohol	100-51-6	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
Biphenyl	92-52-4	~	mg/kg	0.14	J	-	-	0.17	J	-	-	0.22	J	-	-	0.064	J	-	-	0.2	J	-	-	0.43	U	0.12	J	-	-	0.4	U	-	-
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	0.2	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	-	-	0.19	U	-	-
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	0.17	U	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	-	-	0.17	U	0.17	U	-	-	0.16	U	-	-
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	0.22	U	-	-	0.21	U	-	-	0.21	U	-	-	0.22	U	-	-	0.22	U	-	-	0.23	U	0.22	U	-	-	0.21	U	-	-
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
Butyl benzyl phthalate	85-68-7	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
Carbazole	86-74-8	~	mg/kg	0.77		-	-	1.3		-	-	0.72		-	-	0.54		-	-	1.6		-	-	0.33		0.6		-	-	0.067	J	-	-
Chrysene	218-01-9	1	mg/kg	**4.9**		-	-	**10**	E	**10**		**4.9**		-	-	**4.8**		-	-	**7.7**	E	**9.4**		**3.3**		**4.4**		-	-	0.62		-	-
Di-n-butylphthalate	84-74-2	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
Di-n-octylphthalate	117-84-0	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	0.65		-	-	2		-	-	0.82		-	-	0.66		-	-	1.1		-	-	0.54		0.72		-	-	0.1		-	-
Dibenzofuran	132-64-9	210	mg/kg	0.59		-	-	0.77		-	-	0.69		-	-	0.32		-	-	1.1		-	-	0.14	J	0.53		-	-	0.043	J	-	-
Diethyl phthalate	84-66-2	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
Dimethyl phthalate	131-11-3	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
Fluoranthene	206-44-0	1000	mg/kg	7.7	E	14		16	E	24		9.3	E	14		8	E	8.3		15	E	21		6.2		7.5	E	12		1.1		-	-
Fluorene	86-73-7	386	mg/kg	0.82		-	-	1.1		-	-	0.84		-	-	0.58		-	-	1.9		-	-	0.27		0.7		-	-	0.069	J	-	-
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.11	U	-	-	0.1	U	-	-	0.11	U	-	-	0.11	U	-	-	0.11	U	-	-	0.11	U	0.11	U	-	-	0.1	U	-	-
Hexachlorobutadiene	87-68-3	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	0.53	U	-	-	0.5	U	-	-	0.51	U	-	-	0.53	U	-	-	0.52	U	-	-	0.54	U	0.53	U	-	-	0.5	U	-	-
Hexachloroethane	67-72-1	~	mg/kg	0.15	U	-	-	0.14	U	-	-	0.14	U	-	-	0.15	U	-	-	0.15	U	-	-	0.15	U	0.15	U	-	-	0.14	U	-	-
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	3		-	-	6		-	-	2.8		-	-	3.4		-	-	5.8		-	-	2.5		2.8		-	-	0.45		-	-
Isophorone	78-59-1	~	mg/kg	0.17	U	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	-	-	0.17	U	0.17	U	-	-	0.16	U	-	-
n-Nitrosodi-n-propylamine	621-64-7	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
Naphthalene	91-20-3	12	mg/kg	0.85		-	-	0.86		-	-	1		-	-	0.39		-	-	1.2		-	-	0.14	J	0.62		-	-	0.061	J	-	-
NDPA/DPA	86-30-6	~	mg/kg	0.15	U	-	-	0.14	U	-	-	0.14	U	-	-	0.15	U	-	-	0.15	U	-	-	0.15	U	0.15	U	-	-	0.14	U	-	-
Nitrobenzene	98-95-3	~	mg/kg	0.17	U	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	-	-	0.17	U	0.17	U	-	-	0.16	U	-	-
p-Chloro-m-cresol	59-50-7	~	mg/kg	0.19	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.19	U	0.18	U	-	-	0.18	U	-	-
Pentachlorophenol	87-86-5	0.8	mg/kg	0.15	U	-	-	0.14	U	-	-	0.14	U	-	-	0.15	U	-	-	0.15	U	-	-	0.15	U	0.15	U	-	-	0.14	U	-	-
Phenanthrene	85-01-8	1000	mg/kg	7.5		-	-	12	E	14		7.7	E	9.8		5.8		-	-	13	E	16		3.1		5.9		-	-	0.68		-	-
Phenol	108-95-2	0.33	mg/kg	0.055	J	-	-	0.068	J	-	-	0.047	J	-	-	0.18	U	-	-	0.053	J	-	-	0.19	U	0.04	J	-	-	0.18	U	-	-
Pyrene	129-00-0	1000	mg/kg	7.1		-	-	15	E	23		8.9	E	13		7.7	E	7.9		13	E	18		5.7		7.2		-	-	1		-	-
Total Metals																																	
Aluminum, Total	7429-90-5	~	mg/kg	4180		-	-	4700		-	-	5080		-	-	4740		-	-	5480		-	-	4200		3920		-	-	4530		-	-
Antimony, Total	7440-36-0	~	mg/kg	4.87		-	-	2.02	J	-	-	3.75	J	-	-	2.56	J	-	-	2.31	J	-	-	4.85		2.5	J	-	-	128		-	-
Arsenic, Total	7440-38-2	16	mg/kg	**17.2**		-	-	13.9		-	-	**23.2**		-	-	15.7		-	-	10.4		-	-	10.8		10		-	-	5.18		-	-
Barium, Total	7440-39-3	820	mg/kg	182		-	-	180		-	-	193		-	-	169		-	-	172		-	-	507		133		-	-	123		-	-
Beryllium, Total	7440-41-7	47	mg/kg	0.473		-	-	0.348	J	-	-	0.391	J	-	-	0.353	J	-	-	0.533		-	-	0.472		0.222	J	-	-	0.293	J	-	-
Cadmium, Total	7440-43-9	7.5	mg/kg	1.39		-	-	0.467	J	-	-	0.831	J	-	-	0.352	J	-	-	0.55	J	-	-	1.11		0.585	J	-	-	0.309	J	-	-
Calcium, Total	7440-70-2	~	mg/kg	21500		-	-	15000		-	-	20700		-	-	17600		-	-	11700		-	-	18900		15300		-	-	25700		-	-
Chromium, Total	7440-47-3	~	mg/kg	14		-	-	15.9		-	-	15		-	-	13.7		-	-	15.9		-	-	14.8		10.5		-	-	11.9		-	-
Cobalt, Total	7440-48-4	~	mg/kg	11.4		-	-	6.3		-	-	6.67		-	-	4.56		-	-	5.63		-	-	5.05		4.58		-	-	3.63		-	-
Copper, Total	7440-50-8	1720	mg/kg	196		-	-	300		-	-	276		-	-	121		-	-	140		-	-	198		179		-	-	82.4		-	-
Iron, Total	7439-89-6	~	mg/kg	16400		-	-	15700		-	-	16200		-	-	12600		-	-	13900		-	-	25600		17500		-	-	10100		-	-
Lead, Total	7439-92-1	450	mg/kg	**498**		-	-	390		-	-	**628**		-	-	360		-	-	341		-	-	**816**		**468**		-	-	302		-	-
Magnesium, Total	7439-95-4	~	mg/kg	2500		-	-	4740		-	-	5360		-	-	3520		-	-	2630		-	-	3170		3910		-	-	4400		-	-
Manganese, Total	7439-96-5	2000	mg/kg	224		-	-	177		-	-	235		-	-	175		-	-	180		-	-	224		153		-	-	200		-	-
Mercury, Total	7439-97-6	0.73	mg/kg	0.706		-	-	**0.758**		-	-	**0.923**		-	-	**1.18**		-	-	0.581		-	-	0.627		**0.882**		-	-	0.297		-	-
Nickel, Total	7440-02-0	130	mg/kg	26.5		-	-	85		-	-	23.2		-	-	18		-	-	18.3		-	-	17.8		15.9		-	-	14.4		-	-
Potassium, Total	7440-09-7	~	mg/kg	801		-	-	687		-	-	973		-	-	700		-	-	668		-	-	720		569		-	-	710		-	-
Selenium, Total	7782-49-2	4	mg/kg	2.58		-	-	0.715	J	-	-	2.06		-	-	0.57	J	-	-	0.952	J	-	-	0.54	J	1.05	J	-	-	0.309	J	-	-
Silver, Total	7440-22-4	8.3	mg/kg	0.479		-	-	1.81		-	-	0.556		-	-	0.376	J	-	-	0.438	U	-	-	0.449	U	0.345	J	-	-	0.404	U	-	-
Sodium, Total	7440-23-5	~	mg/kg	234		-	-	229		-	-	520		-	-	218		-	-	384		-	-	255		344		-	-	310		-	-
Thallium, Total	7440-28-0	~	mg/kg	0.454	J	-	-	0.602	J	-	-	0.763	J	-	-	0.776	J	-	-	1.75	U	-	-	1.8	U	0.376	J	-	-	1.62	U	-	-
Vanadium, Total	7440-62-2	~	mg/kg	18		-	-	18.5		-	-	20.6		-	-	19.3		-	-	17.8		-	-	15.8		14.1		-	-	17.8		-	-
Zinc, Total	7440-66-6	2480	mg/kg	528		-	-	746		-	-	582		-	-	311		-	-	338		-	-	557		252		-	-	112		-	-
Volatile Organics by EPA 5035																																	
1,1,1,2-Tetrachloroethane	630-20-6	~	mg/kg	0.00079	U	-	-	0.0006	U	-	-	0.00058	U	-	-	0.00068	U	-	-	0.00072	U	-	-	0.00089	U	0.00074	U	-	-	0.00067	U	-	-
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	0.00079	U	-	-	0.0006	U	-	-	0.00058	U	-	-	0.00068	U	-	-	0.00072	U	-	-	0.00089	U	0.00074	U	-	-	0.00067	U	-	-
1,1,2,2-Tetrachloroethane	79-34-5	~	mg/kg	0.00079	U	-	-	0.0006	U	-	-	0.00058	U	-	-	0.00068	U	-	-	0.00072	U	-	-	0.00089	U	0.00074	U	-	-	0.00067	U	-	-

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-65-110323		EP-65-110323		EP-66-111023		EP-66-111023		EP-67-111023		EP-67-111023		EP-68-111323		EP-68-111323		EP-69-111523		EP-69-111523		EP-70-111523		EP-71-111623		EP-71-111623		EP-72-111623		EP-72-111623	
SAMPLING DATE				11/3/2023		11/3/2023		11/10/2023		11/10/2023		11/10/2023		11/10/2023		11/13/2023		11/13/2023		11/15/2023		11/15/2023		11/15/2023		11/16/2023		11/16/2023		11/16/2023		11/16/2023	
LAB SAMPLE ID				L2365622-03		L2365622-03 R1		L2367176-06		L2367176-06 R1		L2367176-10		L2367176-10 R1		L2367392-03		L2367392-03 R1		L2367903-01		L2367903-01 R1		L2367903-05		L2368313-02		L2368313-02 R1		L2368313-04		L2372857-02	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1,2-Trichloroethane	79-00-5	~	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
1,1-Dichloroethane	75-34-3	0.27	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
1,1-Dichloroethene	75-35-4	0.33	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
1,1-Dichloropropene	563-58-6	~	mg/kg	0.00079	U	-	-	0.0006	U	-	-	0.00058	U	-	-	0.00068	U	-	-	0.00072	U	-	-	0.00089	U	0.00074	U	-	-	0.00067	U	-	-
1,2,3-Trichlorobenzene	87-61-6	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
1,2,3-Trichloropropane	96-18-4	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
1,2,4,5-Tetramethylbenzene	95-93-2	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.002	J	-	-	0.00073	J	-	-
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0012	J	-	-
1,2-Dibromo-3-chloropropane	96-12-8	~	mg/kg	0.0047	U	-	-	0.0036	U	-	-	0.0035	U	-	-	0.0041	U	-	-	0.0043	U	-	-	0.0054	U	0.0044	U	-	-	0.004	U	-	-
1,2-Dibromoethane	106-93-4	~	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
1,2-Dichloroethane	107-06-2	0.02	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
1,2-Dichloroethene, Total	540-59-0	~	mg/kg	0.0006	J	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
1,2-Dichloropropane	78-87-5	~	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.00044	J	-	-
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
1,3-Dichloropropane	142-28-9	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
1,3-Dichloropropene, Total	542-75-6	~	mg/kg	0.00079	U	-	-	0.0006	U	-	-	0.00058	U	-	-	0.00068	U	-	-	0.00072	U	-	-	0.00089	U	0.00074	U	-	-	0.00067	U	-	-
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
1,4-Dioxane	123-91-1	0.1	mg/kg	0.13	U	-	-	0.096	U	-	-	0.092	U	-	-	0.11	U	-	-	0.12	U	-	-	0.14	U	0.12	U	-	-	0.11	U	-	-
2,2-Dichloropropane	594-20-7	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
2-Butanone	78-93-3	0.12	mg/kg	0.016	U	-	-	0.012	U	-	-	0.012	U	-	-	0.014	U	-	-	0.014	U	-	-	0.018	U	0.015	U	-	-	0.0039	J	-	-
2-Hexanone	591-78-6	~	mg/kg	0.016	U	-	-	0.012	U	-	-	0.012	U	-	-	0.014	U	-	-	0.014	U	-	-	0.018	U	0.015	U	-	-	0.013	U	-	-
4-Methyl-2-pentanone	108-10-1	~	mg/kg	0.016	U	-	-	0.012	U	-	-	0.012	U	-	-	0.014	U	-	-	0.014	U	-	-	0.018	U	0.015	U	-	-	0.013	U	-	-
Acetone	67-64-1	0.05	mg/kg	0.016	U	-	-	0.012	U	-	-	0.012	U	-	-	0.014	U	-	-	0.0074	J	-	-	0.018	U	0.0072	J	-	-	0.013	U	-	-
Acrylonitrile	107-13-1	~	mg/kg	0.0063	U	-	-	0.0048	U	-	-	0.0046	U	-	-	0.0055	U	-	-	0.0058	U	-	-	0.0072	U	0.0059	U	-	-	0.0054	U	-	-
Benzene	71-43-2	0.06	mg/kg	0.00079	U	-	-	0.0006	U	-	-	0.00058	U	-	-	0.00068	U	-	-	0.00036	J	-	-	0.00089	U	0.00074	U	-	-	0.00067	U	-	-
Bromobenzene	108-86-1	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
Bromochloromethane	74-97-5	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
Bromodichloromethane	75-27-4	~	mg/kg	0.00079	U	-	-	0.0006	U	-	-	0.00058	U	-	-	0.00068	U	-	-	0.00072	U	-	-	0.00089	U	0.00074	U	-	-	0.00067	U	-	-
Bromoform	75-25-2	~	mg/kg	0.0063	U	-	-	0.0048	U	-	-	0.0046	U	-	-	0.0055	U	-	-	0.0058	U	-	-	0.0072	U	0.0059	U	-	-	0.0054	U	-	-
Bromomethane	74-83-9	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
Carbon disulfide	75-15-0	~	mg/kg	0.016	U	-	-	0.012	U	-	-	0.012	U	-	-	0.014	U	-	-	0.014	U	-	-	0.018	U	0.015	U	-	-	0.013	U	-	-
Carbon tetrachloride	56-23-5	0.76	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
Chlorobenzene	108-90-7	1.1	mg/kg	0.00079	U	-	-	0.0006	U	-	-	0.00058	U	-	-	0.00068	U	-	-	0.00072	U	-	-	0.00089	U	0.00074	U	-	-	0.00067	U	-	-
Chloroethane	75-00-3	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
Chloroform	67-66-3	0.37	mg/kg	0.0024	U	-	-	0.0018	U	-	-	0.0017	U	-	-	0.002	U	-	-	0.0022	U	-	-	0.0027	U	0.0022	U	-	-	0.002	U	-	-
Chloromethane	74-87-3	~	mg/kg	0.0063	U	-	-	0.0048	U	-	-	0.0046	U	-	-	0.0055	U	-	-	0.0058	U	-	-	0.0072	U	0.0059	U	-	-	0.0054	U	-	-
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	0.0006	J	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
cis-1,3-Dichloropropene	10061-01-5	~	mg/kg	0.00079	U	-	-	0.0006	U	-	-	0.00058	U	-	-	0.00068	U	-	-	0.00072	U	-	-	0.00089	U	0.00074	U	-	-	0.00067	U	-	-
Dibromochloromethane	124-48-1	~	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
Dibromomethane	74-95-3	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
Dichlorodifluoromethane	75-71-8	~	mg/kg	0.016	U	-	-	0.012	U	-	-	0.012	U	-	-	0.014	U	-	-	0.014	U	-	-	0.018	U	0.015	U	-	-	0.013	U	-	-
Ethyl ether	60-29-7	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
Ethylbenzene	100-41-4	1	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
Hexachlorobutadiene	87-68-3	~	mg/kg	0.0063	U	-	-	0.0048	U	-	-	0.0046	U	-	-	0.0055	U	-	-	0.0058	U	-	-	0.0072	U	0.0059	U	-	-	0.0054	U	-	-
Isopropylbenzene	98-82-8	~	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
Methylene chloride	75-09-2	0.05	mg/kg	0.0079	U	-	-	0.006	U	-	-	0.0058	U	-	-	0.0068	U	-	-	0.0072	U	-	-	0.0089	U	0.0074	U	-	-	0.0067	U	-	-
n-Butylbenzene	104-51-8	12	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
n-Propylbenzene	103-65-1	3.9	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
Naphthalene	91-20-3	12	mg/kg	0.0063	U	-	-	0.0048	U	-	-	0.0046	U	-	-	0.0055	U	-	-	0.0016	J	-	-	0.0072	U	0.0059	U	-	-	0.00093	J	-	-
o-Chlorotoluene	95-49-8	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
o-Xylene	95-47-6	~	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
p-Chlorotoluene	106-43-4	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
p-Diethylbenzene	105-05-5	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0014	J	-	-
p-Ethyltoluene	622-96-8	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.00056	J	-	-
p-Isopropyltoluene	99-87-6	~	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
p/m-Xylene	179601-23-1	~	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
sec-Butylbenzene	135-98-8	11	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
Styrene	100-42-5	~	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
tert-Butylbenzene	98-06-6	5.9	mg/kg	0.0032	U	-	-	0.0024	U	-	-	0.0023	U	-	-	0.0027	U	-	-	0.0029	U	-	-	0.0036	U	0.003	U	-	-	0.0027	U	-	-
Tetrachloroethene	127-18-4	1.3	mg/kg	0.029		-	-	0.0006	U	-	-	0.00045	J	-	-	0.00068	U	-	-	0.00072	U	-	-	0.029		0.00074	U	-	-	0.0019		-	-
Toluene	108-88-3	0.7	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	0.0024	U	-	-	0.0018	U	-	-	0.0017	U	-	-	0.002	U	-	-	0.0022	U	-	-	0.0027	U	0.0022	U	-	-	0.002	U	-	-
trans-1,3-Dichloropropene	10061-02-6	~	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
trans-1,4-Dichloro-2-butene	110-57-6	~	mg/kg	0.0079	U	-	-	0.006	U	-	-	0.0058	U	-	-	0.0068	U	-	-	0.0072	U	-	-	0.0089	U	0.0074	U	-	-	0.0067	U	-	-
Trichloroethene	79-01-6	0.47	mg/kg	0.0031		-	-	0.0006	U	-	-	0.00058	U	-	-	0.00068	U	-	-	0.00072	U	-	-	0.00089	U	0.00074	U	-	-	0.00082		-	-
Trichlorofluoromethane	75-69-4	~	mg/kg	0.0063	U	-	-	0.0048	U	-	-	0.0046	U	-	-	0.0055	U	-	-	0.0058	U	-	-	0.0072	U	0.0059	U	-	-	0.0054	U	-	-
Vinyl acetate	108-05-4	~	mg/kg	0.016	U	-	-	0.012	U	-	-	0.012	U	-	-	0.014	U	-	-	0.014	U	-	-	0.018	U	0.015	U	-	-	0.013	U	-	-
Vinyl chloride	75-01-4	0.02	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-
Xylenes, Total	1330-20-7	1.6	mg/kg	0.0016	U	-	-	0.0012	U	-	-	0.0012	U	-	-	0.0014	U	-	-	0.0014	U	-	-	0.0018	U	0.0015	U	-	-	0.0013	U	-	-

* Comparison is not performed on parameters with non-numeric criteria.
Exceedances are in Bold
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use C

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-73-120423		EP-74-120423		EP-75-112723		EP-75-112723		EP-75-112723		EP-78-110923		EP-78-110923		EP-79-110923		EP-79-110923		EP-80-110923		EP-81-110923		EP-81-110923		EP-82-111023		EP-83-111323		EP-84-111323	
SAMPLING DATE				12/4/2023		12/4/2023		11/27/2023		11/27/2023		11/27/2023		11/9/2023		11/9/2023		11/9/2023		11/9/2023		11/9/2023		11/9/2023		11/9/2023		11/10/2023		11/13/2023		11/13/2023	
LAB SAMPLE ID				L2371219-11		L2371219-06		L2369780-04		L2373088-03		L2373088-03 R1		L2366805-01		L2366805-01 R1		L2366805-02		L2366805-02 R1		L2366805-03		L2366805-04		L2366805-04 R1		L2367176-08		L2367392-04		L2367392-05	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																																	
Chromium, Hexavalent	18540-29-9	19	mg/kg	0.728	J	0.944	U	0.972	U	-	-	-	-	0.889	U	-	-	0.886	U	-	-	0.883	U	0.891	U	-	-	0.869	U	0.876	U	0.902	U
Cyanide, Total	57-12-5	40	mg/kg	-	-	-	-	-	-	1.2	U	-	-	0.27	J	-	-	0.33	J	-	-	0.44	J	0.28	J	-	-	0.34	J	0.22	J	1	U
Solids, Total	NONE	~	%	90.7		84.7		82.3		82.3		-	-	90		-	-	90.3		-	-	90.6		89.8		-	-	92.1		91.3		88.7	
Organochlorine Pesticides by GC																																	
4,4'-DDD	72-54-8	14	mg/kg	-	-	-	-	-	-	0.00194	U	-	-	0.00257		-	-	0.0144		-	-	0.00636		0.0021		-	-	0.00618		0.00171	U	0.00263	
4,4'-DDE	72-55-9	17	mg/kg	-	-	-	-	-	-	0.00109	J	-	-	0.00169	U	-	-	0.0017	U	-	-	0.00166	U	0.00171	U	-	-	0.00534		0.00171	U	0.0015	JIP
4,4'-DDT	50-29-3	136	mg/kg	-	-	-	-	-	-	0.00194	U	-	-	0.0378		-	-	0.0313		-	-	0.0103		0.0045		-	-	0.0195	IP	0.00171	U	0.0033	IP
Aldrin	309-00-2	0.19	mg/kg	-	-	-	-	-	-	0.00194	U	-	-	0.00169	U	-	-	0.0017	U	-	-	0.00166	U	0.00171	U	-	-	0.0017	U	0.00171	U	0.00179	U
Alpha-BHC	319-84-6	0.02	mg/kg	-	-	-	-	-	-	0.000808	U	-	-	0.000703	U	-	-	0.000709	U	-	-	0.000692	U	0.000713	U	-	-	0.00071	U	0.000713	U	0.000745	U
Beta-BHC	319-85-7	0.09	mg/kg	-	-	-	-	-	-	0.00194	U	-	-	0.00169	U	-	-	0.0017	U	-	-	0.00166	U	0.00171	U	-	-	0.0017	U	0.00171	U	0.00179	U
Chlordane	57-74-9	~	mg/kg	-	-	-	-	-	-	0.0162	U	-	-	0.0527		-	-	0.0701		-	-	0.0574		0.0142	U	-	-	0.0142	U	0.0143	U	0.0149	U
cis-Chlordane	5103-71-9	2.9	mg/kg	-	-	-	-	-	-	0.00242	U	-	-	0.00217		-	-	0.00797		-	-	0.00178	J	0.00214	U	-	-	0.00213	U	0.00214	U	0.00224	U
Delta-BHC	319-86-8	0.25	mg/kg	-	-	-	-	-	-	0.00194	U	-	-	0.00169	U	-	-	0.0017	U	-	-	0.00166	U	0.00171	U	-	-	0.0017	U	0.00171	U	0.00179	U
Dieldrin	60-57-1	0.1	mg/kg	-	-	-	-	-	-	0.00121	U	-	-	0.00105	U	-	-	0.00106	U	-	-	0.00104	U	0.00107	U	-	-	0.00106	U	0.00107	U	0.00112	U
Endosulfan I	959-98-8	102	mg/kg	-	-	-	-	-	-	0.00194	U	-	-	0.00169	U	-	-	0.0017	U	-	-	0.00166	U	0.00171	U	-	-	0.0017	U	0.00171	U	0.00179	U
Endosulfan II	33213-65-9	102	mg/kg	-	-	-	-	-	-	0.00194	U	-	-	0.00169	U	-	-	0.0017	U	-	-	0.00166	U	0.00171	U	-	-	0.0017	U	0.00171	U	0.00179	U
Endosulfan sulfate	1031-07-8	1000	mg/kg	-	-	-	-	-	-	0.000808	U	-	-	0.000703	U	-	-	0.000709	U	-	-	0.000692	U	0.000713	U	-	-	0.00071	U	0.000713	U	0.000745	U
Endrin	72-20-8	0.06	mg/kg	-	-	-	-	-	-	0.000808	U	-	-	0.000703	U	-	-	0.000709	U	-	-	0.000692	U	0.000713	U	-	-	0.00071	U	0.000713	U	0.000745	U
Endrin aldehyde	7421-93-4	~	mg/kg	-	-	-	-	-	-	0.00242	U	-	-	0.00211	U	-	-	0.00213	U	-	-	0.00207	U	0.00214	U	-	-	0.00213	U	0.00214	U	0.00224	U
Endrin ketone	53494-70-5	~	mg/kg	-	-	-	-	-	-	0.00194	U	-	-	0.00169	U	-	-	0.0017	U	-	-	0.00166	U	0.00171	U	-	-	0.0017	U	0.00171	U	0.00179	U
Heptachlor	76-44-8	0.38	mg/kg	-	-	-	-	-	-	0.000969	U	-	-	0.000844	U	-	-	0.000851	U	-	-	0.00083	U	0.000856	U	-	-	0.000852	U	0.000856	U	0.000894	U
Heptachlor epoxide	1024-57-3	~	mg/kg	-	-	-	-	-	-	0.00364	U	-	-	0.00262	J	-	-	0.00105	JIP	-	-	0.00311	U	0.00127	J	-	-	0.00319	U	0.00321	U	0.00335	U
Lindane	58-89-9	0.1	mg/kg	-	-	-	-	-	-	0.000808	U	-	-	0.000703	U	-	-	0.000709	U	-	-	0.000692	U	0.000713	U	-	-	0.00071	U	0.000713	U	0.000745	U
Methoxychlor	72-43-5	~	mg/kg	-	-	-	-	-	-	0.00364	U	-	-	0.00316	U	-	-	0.00319	U	-	-	0.00311	U	0.00321	U	-	-	0.00319	U	0.00321	U	0.00335	U
Toxaphene	8001-35-2	~	mg/kg	-	-	-	-	-	-	0.0364	U	-	-	0.0316	U	-	-	0.0319	U	-	-	0.0311	U	0.0321	U	-	-	0.0319	U	0.0321	U	0.0335	U
trans-Chlordane	5103-74-2	~	mg/kg	-	-	-	-	-	-	0.00242	U	-	-	0.00343	IP	-	-	0.00896		-	-	0.00252	IP	0.00214	U	-	-	0.00213	U	0.00214	U	0.00224	U
Perfluorinated Alkyl Acids by EPA 1633																																	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2	39108-34-4	~	mg/kg	-	-	-	-	-	-	0.000786	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2	27619-97-2	~	mg/kg	-	-	-	-	-	-	0.000436	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	2991-50-6	~	mg/kg	-	-	-	-	-	-	0.000197	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Ac	2355-31-9	~	mg/kg	-	-	-	-	-	-	0.000197	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	-	-	-	-	-	-	0.000197	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	-	-	-	-	-	-	0.000786	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	-	-	-	-	-	-	0.000197	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	-	-	-	-	-	-	0.000197	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	-	-	-	-	-	-	0.000197	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	-	-	-	-	-	-	0.000197	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	-	-	-	-	-	-	0.000083	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	-	-	-	-	-	-	0.000197	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	-	-	-	-	-	-	0.000063	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	-	-	-	-	-	-	0.000197	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	-	-	-	-	-	-	0.000197	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	-	-	-	-	-	-	0.000087	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	-	-	-	-	-	-	0.00016	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	-	-	-	-	-	-	0.000059	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	-	-	-	-	-	-	0.000197	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	-	-	-	-	-	-	0.000197	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	-	-	-	-	-	-	0.000197	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFOA/PFOS, Total	null	~	mg/kg	-	-	-	-	-	-	0.000247	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC																																	
Aroclor 1016	12674-11-2	3.2	mg/kg	-	-	-	-	-	-	0.0568	U	-	-	0.052	U	-	-	0.0522	U	-	-	0.052	U	0.0537	U	-	-	0.0504	U	0.0514	U	0.0525	U
Aroclor 1221	11104-28-2	3.2	mg/kg	-	-	-	-	-	-	0.0568	U	-	-	0.052	U	-	-	0.0522	U	-	-	0.052	U	0.0537	U	-	-	0.0504	U	0.0514	U	0.0525	U
Aroclor 1232	11141-16-5	3.2	mg/kg	-	-	-	-	-	-	0.0568	U	-	-	0.052	U	-	-	0.0522	U	-	-	0.052	U	0.0537	U	-	-	0.0504	U	0.0514	U	0.0525	U
Aroclor 1242	53469-21-9	3.2	mg/kg	-	-	-	-	-	-	0.0568	U	-	-	0.052	U	-	-	0.0522	U	-	-	0.052	U	0.0537	U	-	-	0.0504	U	0.0514	U	0.0525	U
Aroclor 1248	12672-29-6	3.2	mg/kg	-	-	-	-	-	-	0.0568	U	-	-	0.052	U	-	-	0.0522	U	-	-	0.052	U	0.0537	U	-	-	0.0504	U	0.0514	U	0.0525	U
Aroclor 1254	11097-69-1	3.2	mg/kg	-	-	-	-	-	-	0.0568	U	-	-	0.0799		-	-	0.0411	J	-	-	0.0373	J	0.046	J	-	-	0.0619		0.0256	J	0.0253	J
Aroclor 1260	11096-82-5	3.2	mg/kg	-	-	-	-	-	-	0.0568	U	-	-	0.0342	J	-	-	0.0192	J	-	-	0.0111	J	0.0537	U	-	-	0.0154	J	0.0514	U	0.0525	U
Aroclor 1262	37324-23-5	3.2	mg/kg	-	-	-	-	-	-	0.0568	U	-	-	0.052	U	-	-	0.0522	U	-	-	0.052	U	0.0537	U	-	-	0.0504	U	0.0514	U	0.0525	U
Aroclor 1268	11100-14-4	3.2	mg/kg	-	-	-	-	-	-	0.0568	U	-	-	0.026	J	-	-	0.0158	J	-	-	0.00779	J	0.0537	U	-	-	0.00705	J	0.0514	U	0.0525	U
PCBs, Total	1336-36-3	3.2	mg/kg	-	-	-	-	-	-	0.0568	U	-	-	0.14	J	-	-	0.0761	J	-	-	0.0562	J	0.046	J	-	-	0.0844	J	0.0256	J	0.0253	J
Semivolatile Organics by GC/MS																																	
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.033	J	-	-	0.18	U	0.18	U	0.18	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.052	J	-	-	0.18	U	0.18	U	0.18	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.057	J	-	-	0.18	U	0.18	U	0.18	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.038	J	-	-	0.18	U	0.18	U	0.18	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.14	U	0.14	U	0.03	U	-	-	-	-	0.028	U	-	-	0.027	U	-	-	0.027	U	0.027	U	-	-	0.026	U	0.027	U	0.028	U
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	0.55	U	0.57	U	0.12	U	-	-	-	-	0.11	U	-	-	0.11	U	-	-	0.11	U	0.11	U	-	-	0.1	U	0.11	U	0.11	U
2,4-Dichlorophenol	120-83-2	~	mg/kg	0.82	U	0.86	U	0.18	U	-	-	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	0.16	U	-	-	0.16	U	0.16	U	0.17	U
2,4-Dimethylphenol	105-67-9	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
2,4-Dinitrophenol	51-28-5	~	mg/kg	4.4	U	4.6	U	0.96	U	-	-	-	-	0.88	U	-	-	0.86	U	-	-	0.86	U	0.87	U	-	-	0.85	U	0.86	U	0.89	U
2,4-Dinitrotoluene	121-14-2	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
2,6-Dinitrotoluene	606-20-2	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
2-Chloronaphthalene	91-58-7	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.036	J	-	-	0.18	U	0.18	U	0.18	U
2-Chlorophenol	95-57-8	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
2-Methylnaphthalene	91-57-6	~	mg/kg	1.1	U	0.14	J	0.18	J	-	-	-	-	0.24		-	-	0.35		-	-	0.22		0.54		-	-	0.21		0.2	J	0.32	
2-Methylphenol	95-48-7	0.33	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.034	J	-	-	0.18	U	0.18	U	0.18	U

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-73-120423		EP-74-120423		EP-75-112723		EP-75-112723		EP-75-112723		EP-78-110923		EP-78-110923		EP-79-110923		EP-79-110923		EP-80-110923		EP-81-110923		EP-81-110923		EP-82-111023		EP-83-111323		EP-84-111323	
SAMPLING DATE				12/4/2023		12/4/2023		11/27/2023		11/27/2023		11/27/2023		11/9/2023		11/9/2023		11/9/2023		11/9/2023		11/9/2023		11/9/2023		11/9/2023		11/10/2023		11/13/2023		11/13/2023	
LAB SAMPLE ID				L2371219-11		L2371219-06		L2369780-04		L2373088-03		L2373088-03 R1		L2366805-01		L2366805-01 R1		L2366805-02		L2366805-02 R1		L2366805-03		L2366805-04		L2366805-04 R1		L2367176-08		L2367392-04		L2367392-05	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Nitroaniline	88-74-4	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
2-Nitrophenol	88-75-5	~	mg/kg	2	U	2.1	U	0.43	U	-	-	-	-	0.4	U	-	-	0.39	U	-	-	0.39	U	0.39	U	-	-	0.38	U	0.39	U	0.4	U
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	mg/kg	1.3	U	1.4	U	0.29	U	-	-	-	-	0.044	J	-	-	0.31		-	-	0.26	U	0.094	J	-	-	0.048	J	0.033	J	0.067	J
3-Nitroaniline	99-09-2	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	2.4	U	2.5	U	0.52	U	-	-	-	-	0.48	U	-	-	0.46	U	-	-	0.47	U	0.47	U	-	-	0.46	U	0.46	U	0.48	U
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
4-Chloroaniline	106-47-8	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
4-Nitroaniline	100-01-6	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
4-Nitrophenol	100-02-7	~	mg/kg	1.3	U	1.3	U	0.28	U	-	-	-	-	0.26	U	-	-	0.25	U	-	-	0.25	U	0.25	U	-	-	0.25	U	0.25	U	0.26	U
Acenaphthene	83-32-9	98	mg/kg	0.2	J	0.16	J	0.023	J	-	-	-	-	0.5		-	-	0.64		-	-	0.55		1.9		-	-	0.5		0.43		1.1	
Acenaphthylene	208-96-8	107	mg/kg	0.73	U	0.81		0.17		-	-	-	-	0.54		-	-	0.58		-	-	0.28		2.9		-	-	0.52		0.47		1.9	
Acetophenone	98-86-2	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
Anthracene	120-12-7	1000	mg/kg	0.61		0.53	J	0.11	J	-	-	-	-	1.6		-	-	1.9		-	-	0.82		9.8	E	14		1.4		1.4		6.8	
Benzo(a)anthracene	56-55-3	1	mg/kg	**1.6**		**1.7**		0.28		-	-	-	-	**4.8**		-	-	**4.9**		-	-	**2**		**24**	E	**31**		**3.8**		**3.9**		**16**	E
Benzo(a)pyrene	50-32-8	22	mg/kg	1.6		2.5		0.29		-	-	-	-	5		-	-	4.7		-	-	2		21	E	**30**		4.2		3.5		12	E
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	**1.8**		**2.8**		0.3		-	-	-	-	**6.1**		-	-	**5.7**		-	-	**2.2**		**34**		-	-	**4.8**		**4**		**16**	E
Benzo(ghi)perylene	191-24-2	1000	mg/kg	0.97		1.7		0.16		-	-	-	-	3.2		-	-	2.7		-	-	1.2		11	E	14		2.2		1.9		6.8	
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	0.6		0.86		0.091	J	-	-	-	-	1.5		-	-	1.3		-	-	0.77		**9.9**		-	-	1.3		1.3		**2.9**	
Benzoic Acid	65-85-0	~	mg/kg	3	U	3.1	U	0.65	U	-	-	-	-	0.6	U	-	-	0.58	U	-	-	0.58	U	0.59	U	-	-	0.57	U	0.58	U	0.6	U
Benzyl Alcohol	100-51-6	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
Biphenyl	92-52-4	~	mg/kg	2.1	U	2.2	U	0.028	J	-	-	-	-	0.079	J	-	-	0.1	J	-	-	0.077	J	0.23	J	-	-	0.072	J	0.084	J	0.11	J
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	0.98	U	1	U	0.22	U	-	-	-	-	0.2	U	-	-	0.19	U	-	-	0.19	U	0.2	U	-	-	0.19	U	0.19	U	0.2	U
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	0.82	U	0.86	U	0.18	U	-	-	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	0.16	U	-	-	0.16	U	0.16	U	0.17	U
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	1.1	U	1.1	U	0.24	U	-	-	-	-	0.22	U	-	-	0.21	U	-	-	0.22	U	0.22	U	-	-	0.21	U	0.21	U	0.22	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.091	J	-	-	0.097	J	-	-	0.084	J	0.18	U	-	-	0.11	J	0.18	U	0.18	U
Butyl benzyl phthalate	85-68-7	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.16	J	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
Carbazole	86-74-8	~	mg/kg	0.2	J	0.14	J	0.2	U	-	-	-	-	0.61		-	-	0.74		-	-	0.31		1.8		-	-	0.5		0.46		1.3	
Chrysene	218-01-9	1	mg/kg	**1.4**		**1.7**		0.35		-	-	-	-	**4.5**		-	-	**4.4**		-	-	**1.8**		**14**	E	**25**		**3.6**		**3.6**		**8.9**	E
Di-n-butylphthalate	84-74-2	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.046	J	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
Di-n-octylphthalate	117-84-0	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	0.24	J	0.34	J	0.042	J	-	-	-	-	0.65		-	-	0.59		-	-	0.26		2.2		-	-	0.62		0.5		2.4	
Dibenzofuran	132-64-9	210	mg/kg	0.14	J	0.1	J	0.021	J	-	-	-	-	0.4		-	-	0.53		-	-	0.43		1.4		-	-	0.35		0.45		0.96	
Diethyl phthalate	84-66-2	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
Dimethyl phthalate	131-11-3	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
Fluoranthene	206-44-0	1000	mg/kg	3.2		2.5		0.52		-	-	-	-	9.6	E	10		9.9	E	12		4.3		29	E	72		6.9		6.4		18	E
Fluorene	86-73-7	386	mg/kg	0.21	J	0.16	J	0.027	J	-	-	-	-	0.5		-	-	0.7		-	-	0.38		2.4		-	-	0.5		0.51		2.3	
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.55	U	0.57	U	0.12	U	-	-	-	-	0.11	U	-	-	0.11	U	-	-	0.11	U	0.11	U	-	-	0.1	U	0.11	U	0.11	U
Hexachlorobutadiene	87-68-3	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	2.6	U	2.7	U	0.57	U	-	-	-	-	0.53	U	-	-	0.51	U	-	-	0.51	U	0.52	U	-	-	0.5	U	0.51	U	0.53	U
Hexachloroethane	67-72-1	~	mg/kg	0.73	U	0.76	U	0.16	U	-	-	-	-	0.15	U	-	-	0.14	U	-	-	0.14	U	0.14	U	-	-	0.14	U	0.14	U	0.15	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	0.81		1.5		0.14	J	-	-	-	-	3.9		-	-	3.4		-	-	1.4		**15**	E	**14**		2.1		2.2		**8.4**	E
Isophorone	78-59-1	~	mg/kg	0.82	U	0.86	U	0.18	U	-	-	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	0.16	U	-	-	0.16	U	0.16	U	0.17	U
n-Nitrosodi-n-propylamine	621-64-7	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
Naphthalene	91-20-3	12	mg/kg	0.16	J	0.24	J	0.3		-	-	-	-	0.55		-	-	0.74		-	-	0.34		1.2		-	-	0.44		0.37		0.67	
NDPA/DPA	86-30-6	~	mg/kg	0.73	U	0.76	U	0.16	U	-	-	-	-	0.15	U	-	-	0.14	U	-	-	0.14	U	0.14	U	-	-	0.14	U	0.14	U	0.15	U
Nitrobenzene	98-95-3	~	mg/kg	0.82	U	0.86	U	0.18	U	-	-	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	0.16	U	-	-	0.16	U	0.16	U	0.17	U
p-Chloro-m-cresol	59-50-7	~	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	0.18	U	0.18	U
Pentachlorophenol	87-86-5	0.8	mg/kg	0.73	U	0.76	U	0.16	U	-	-	-	-	0.15	U	-	-	0.14	U	-	-	0.14	U	0.14	U	-	-	0.14	U	0.14	U	0.15	U
Phenanthrene	85-01-8	1000	mg/kg	2.2		1.1		0.33		-	-	-	-	6.6		-	-	8.2	E	9.2		2.6		20	E	39		5.4		4.7		17	E
Phenol	108-95-2	0.33	mg/kg	0.91	U	0.96	U	0.2	U	-	-	-	-	0.18	U	-	-	0.036	J	-	-	0.18	U	0.074	J	-	-	0.18	U	0.18	U	0.18	U
Pyrene	129-00-0	1000	mg/kg	2.8		2.7		0.74		-	-	-	-	8.8	E	9		9	E	10		3.6		25	E	59		6.4		5.7		15	E
Total Metals																																	
Aluminum, Total	7429-90-5	~	mg/kg	-	-	-	-	-	-	2530		-	-	4800		-	-	5360		-	-	6480		5780		-	-	4380		5520		4470	
Antimony, Total	7440-36-0	~	mg/kg	-	-	-	-	-	-	1.56	J	-	-	6.64		-	-	10.1		-	-	1.87	J	2.88	J	-	-	3.36	J	7.28		1.68	J
Arsenic, Total	7440-38-2	16	mg/kg	4.41		13.9		9.6		8.98		-	-	**19**		-	-	11.8		-	-	10.3		10.7		-	-	12.3		**26.9**		12.2	
Barium, Total	7440-39-3	820	mg/kg	-	-	-	-	-	-	138		-	-	361		-	-	371		-	-	139		141		-	-	258		225		183	
Beryllium, Total	7440-41-7	47	mg/kg	-	-	-	-	-	-	0.219	J	-	-	0.342	J	-	-	0.426	J	-	-	0.472		0.444		-	-	0.307	J	0.384	J	0.317	J
Cadmium, Total	7440-43-9	7.5	mg/kg	-	-	-	-	-	-	0.938	U	-	-	0.708	J	-	-	0.816	J	-	-	0.246	J	0.277	J	-	-	0.617	J	0.36	J	0.304	J
Calcium, Total	7440-70-2	~	mg/kg	-	-	-	-	-	-	6960		-	-	14800		-	-	17700		-	-	11300		24700		-	-	13300		8390		27400	
Chromium, Total	7440-47-3	~	mg/kg	-	-	-	-	-	-	9.04		-	-	24.5		-	-	17.6		-	-	16.6		12.2		-	-	18.5		20.3		12.2	
Cobalt, Total	7440-48-4	~	mg/kg	-	-	-	-	-	-	5.64		-	-	8.96		-	-	7.22		-	-	7.33		6.99		-	-	8.65		5.49		3.76	
Copper, Total	7440-50-8	1720	mg/kg	-	-	-	-	-	-	62.4		-	-	222		-	-	124		-	-	79.4		167		-	-	111		161		133	
Iron, Total	7439-89-6	~	mg/kg	-	-	-	-	-	-	13400		-	-	33200		-	-	17600		-	-	14600		13800		-	-	16100		17200		13400	
Lead, Total	7439-92-1	450	mg/kg	-	-	-	-	-	-	122		-	-	**770**		-	-	**947**		-	-	254		284		-	-	**670**		**528**		419	
Magnesium, Total	7439-95-4	~	mg/kg	-	-	-	-	-	-	556		-	-	3050		-	-	3870		-	-	2610		8460		-	-	4280		3090		11300	
Manganese, Total	7439-96-5	2000	mg/kg	-	-	-	-	-	-	43.1		-	-	325		-	-	274		-	-	253		219		-	-	343		200		154	
Mercury, Total	7439-97-6	0.73	mg/kg	-	-	-	-	-	-	0.1		-	-	**1.54**		-	-	**1.88**		-	-	0.608		**0.732**		-	-	**1.09**		**1.67**		0.688	
Nickel, Total	7440-02-0	130	mg/kg	-	-	-	-	-	-	14.6		-	-	42		-	-	27.3		-	-	26.2		26		-	-	31.8		20.6		16.3	
Potassium, Total	7440-09-7	~	mg/kg	-	-	-	-	-	-	299		-	-	874		-	-	962		-	-	961		819		-	-	840		841		608	
Selenium, Total	7782-49-2	4	mg/kg	-	-	-	-	-	-	0.278	J	-	-	1.09	J	-	-	0.863	J	-	-	0.812	J	0.798	J	-	-	0.662	J	0.584	J	1.11	J
Silver, Total	7440-22-4	8.3	mg/kg	-	-	-	-	-	-	0.469	U	-	-	0.834		-	-	0.704		-	-	0.377	J	0.373	J	-	-	0.464		0.429		0.37	J
Sodium, Total	7440-23-5	~	mg/kg	-	-	-	-	-	-	161	J	-	-	265		-	-	189		-	-	254		225		-	-	230		224		219	
Thallium, Total	7440-28-0	~	mg/kg	-	-	-	-	-	-	1.88	U	-	-	0.688	J	-	-	0.789	J	-	-	0.87	J	0.639	J	-	-	0.649	J	0.835	J	0.787	J
Vanadium, Total	7440-62-2	~	mg/kg	-	-	-	-	-	-	8.15		-	-	55.5		-	-	28.5		-	-	25		15.7		-	-	27.1		20.4		16.2	
Zinc, Total	7440-66-6	2480	mg/kg	-	-	-	-	-	-	76.3		-	-	491		-	-	431		-	-	200		295		-	-	374		286		246	
Volatile Organics by EPA 5035																																	
1,1,1,2-Tetrachloroethane	630-20-6	~	mg/kg	-	-	-	-	-	-	0.0011	U	0.001	U	0.00065	U	-	-	0.00065	U	-	-	0.00058	U	0.00062	U	-	-	0.00053	U	0.00062	U	0.00062	U
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	-	-	-	-	-	-	0.0011	U	0.001	U	0.00065	U	-	-	0.00065	U	-	-	0.00058	U	0.00062	U	-	-	0.00053	U	0.00062	U	0.00062	U
1,1,2,2-Tetrachloroethane	79-34-5	~	mg/kg	-	-	-	-	-	-	0.0011	U	0.001	U	0.00065	U	-	-	0.00065	U	-	-	0.00058	U	0.00062	U	-	-	0.00053	U	0.00062	U	0.00062	U

Table 3.1
Endpoint Analytical Data (2 Foot Cut)
318 Nevins Street, Brooklyn NY

LOCATION		NY-PG SCOS	Units	EP-73-120423		EP-74-120423		EP-75-112723		EP-75-112723		EP-75-112723		EP-78-110923		EP-78-110923		EP-79-110923		EP-79-110923		EP-80-110923		EP-81-110923		EP-81-110923		EP-82-111023		EP-83-111323		EP-84-111323	
SAMPLING DATE				12/4/2023		12/4/2023		11/27/2023		11/27/2023		11/27/2023		11/9/2023		11/9/2023		11/9/2023		11/9/2023		11/9/2023		11/9/2023		11/9/2023		11/10/2023		11/13/2023		11/13/2023	
LAB SAMPLE ID				L2371219-11		L2371219-06		L2369780-04		L2373088-03		L2373088-03 R1		L2366805-01		L2366805-01 R1		L2366805-02		L2366805-02 R1		L2366805-03		L2366805-04		L2366805-04 R1		L2367176-08		L2367392-04		L2367392-05	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)																																	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1,2-Trichloroethane	79-00-5	~	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
1,1-Dichloroethane	75-34-3	0.27	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
1,1-Dichloroethene	75-35-4	0.33	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
1,1-Dichloropropene	563-58-6	~	mg/kg	-	-	-	-	-	-	0.0011	U	0.001	U	0.00065	U	-	-	0.00065	U	-	-	0.00058	U	0.00062	U	-	-	0.00053	U	0.00062	U	0.00062	U
1,2,3-Trichlorobenzene	87-61-6	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
1,2,3-Trichloropropane	96-18-4	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	-	-	-	-	-	-	0.001	J	0.0026	J	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
1,2-Dibromo-3-chloropropane	96-12-8	~	mg/kg	-	-	-	-	-	-	0.0064	U	0.0062	U	0.0039	U	-	-	0.0039	U	-	-	0.0035	U	0.0037	U	-	-	0.0032	U	0.0037	U	0.0037	U
1,2-Dibromoethane	106-93-4	~	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
1,2-Dichloroethane	107-06-2	0.02	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
1,2-Dichloroethene, Total	540-59-0	~	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
1,2-Dichloropropane	78-87-5	~	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	-	-	-	-	-	-	0.00046	J	0.001	J	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
1,3-Dichloropropane	142-28-9	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
1,3-Dichloropropene, Total	542-75-6	~	mg/kg	-	-	-	-	-	-	0.0011	U	0.001	U	0.00065	U	-	-	0.00065	U	-	-	0.00058	U	0.00062	U	-	-	0.00053	U	0.00062	U	0.00062	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	-	-	-	-	0.17	U	0.16	U	0.1	U	-	-	0.1	U	-	-	0.092	U	0.099	U	-	-	0.084	U	0.098	U	0.1	U
2,2-Dichloropropane	594-20-7	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
2-Butanone	78-93-3	0.12	mg/kg	-	-	-	-	-	-	0.021	U	0.02	U	0.013	U	-	-	0.013	U	-	-	0.012	U	0.012	U	-	-	0.01	U	0.012	U	0.012	U
2-Hexanone	591-78-6	~	mg/kg	-	-	-	-	-	-	0.021	U	0.02	U	0.013	U	-	-	0.013	U	-	-	0.012	U	0.012	U	-	-	0.01	U	0.012	U	0.012	U
4-Methyl-2-pentanone	108-10-1	~	mg/kg	-	-	-	-	-	-	0.021	U	0.02	U	0.013	U	-	-	0.013	U	-	-	0.012	U	0.012	U	-	-	0.01	U	0.012	U	0.012	U
Acetone	67-64-1	0.05	mg/kg	-	-	-	-	-	-	0.021	U	0.02	U	0.013	U	-	-	0.013	U	-	-	0.012	U	0.012	U	-	-	0.01	U	0.012	U	0.012	U
Acrylonitrile	107-13-1	~	mg/kg	-	-	-	-	-	-	0.0085	U	0.0082	U	0.0052	U	-	-	0.0052	U	-	-	0.0046	U	0.0049	U	-	-	0.0042	U	0.0049	U	0.005	U
Benzene	71-43-2	0.06	mg/kg	-	-	-	-	-	-	0.0011	U	0.001	U	0.00065	U	-	-	0.00065	U	-	-	0.00058	U	0.00062	U	-	-	0.00053	U	0.00062	U	0.00062	U
Bromobenzene	108-86-1	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
Bromochloromethane	74-97-5	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
Bromodichloromethane	75-27-4	~	mg/kg	-	-	-	-	-	-	0.0011	U	0.001	U	0.00065	U	-	-	0.00065	U	-	-	0.00058	U	0.00062	U	-	-	0.00053	U	0.00062	U	0.00062	U
Bromoform	75-25-2	~	mg/kg	-	-	-	-	-	-	0.0085	U	0.0082	U	0.0052	U	-	-	0.0052	U	-	-	0.0046	U	0.0049	U	-	-	0.0042	U	0.0049	U	0.005	U
Bromomethane	74-83-9	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
Carbon disulfide	75-15-0	~	mg/kg	-	-	-	-	-	-	0.021	U	0.02	U	0.013	U	-	-	0.013	U	-	-	0.012	U	0.012	U	-	-	0.01	U	0.012	U	0.012	U
Carbon tetrachloride	56-23-5	0.76	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
Chlorobenzene	108-90-7	1.1	mg/kg	-	-	-	-	-	-	0.0011	U	0.001	U	0.00065	U	-	-	0.00065	U	-	-	0.00058	U	0.00062	U	-	-	0.00053	U	0.00062	U	0.00062	U
Chloroethane	75-00-3	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
Chloroform	67-66-3	0.37	mg/kg	-	-	-	-	-	-	0.00082	J	0.00092	J	0.002	U	-	-	0.002	U	-	-	0.0017	U	0.0018	U	-	-	0.0016	U	0.0018	U	0.0019	U
Chloromethane	74-87-3	~	mg/kg	-	-	-	-	-	-	0.0085	U	0.0082	U	0.0052	U	-	-	0.0052	U	-	-	0.0046	U	0.0049	U	-	-	0.0042	U	0.0049	U	0.005	U
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
cis-1,3-Dichloropropene	10061-01-5	~	mg/kg	-	-	-	-	-	-	0.0011	U	0.001	U	0.00065	U	-	-	0.00065	U	-	-	0.00058	U	0.00062	U	-	-	0.00053	U	0.00062	U	0.00062	U
Dibromochloromethane	124-48-1	~	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
Dibromomethane	74-95-3	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
Dichlorodifluoromethane	75-71-8	~	mg/kg	-	-	-	-	-	-	0.021	U	0.02	U	0.013	U	-	-	0.013	U	-	-	0.012	U	0.012	U	-	-	0.01	U	0.012	U	0.012	U
Ethyl ether	60-29-7	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
Ethylbenzene	100-41-4	1	mg/kg	-	-	-	-	-	-	0.00043	J	0.00069	J	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
Hexachlorobutadiene	87-68-3	~	mg/kg	-	-	-	-	-	-	0.0085	U	0.0082	U	0.0052	U	-	-	0.0052	U	-	-	0.0046	U	0.0049	U	-	-	0.0042	U	0.0049	U	0.005	U
Isopropylbenzene	98-82-8	~	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
Methylene chloride	75-09-2	0.05	mg/kg	-	-	-	-	-	-	0.011	U	0.01	U	0.0065	U	-	-	0.0065	U	-	-	0.0058	U	0.0062	U	-	-	0.0053	U	0.0062	U	0.0062	U
n-Butylbenzene	104-51-8	12	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
n-Propylbenzene	103-65-1	3.9	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
Naphthalene	91-20-3	12	mg/kg	-	-	-	-	-	-	0.0085	U	0.0016	J	0.0052	U	-	-	0.0052	U	-	-	0.00093	J	0.0049	U	-	-	0.0042	U	0.0049	U	0.005	U
o-Chlorotoluene	95-49-8	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
o-Xylene	95-47-6	~	mg/kg	-	-	-	-	-	-	0.0021	U	0.00073	J	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
p-Chlorotoluene	106-43-4	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
p-Diethylbenzene	105-05-5	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
p-Ethyltoluene	622-96-8	~	mg/kg	-	-	-	-	-	-	0.0011	J	0.0031	J	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
p-Isopropyltoluene	99-87-6	~	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
p/m-Xylene	179601-23-1	~	mg/kg	-	-	-	-	-	-	0.0043	U	0.0022	J	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
sec-Butylbenzene	135-98-8	11	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
Styrene	100-42-5	~	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
tert-Butylbenzene	98-06-6	5.9	mg/kg	-	-	-	-	-	-	0.0043	U	0.0041	U	0.0026	U	-	-	0.0026	U	-	-	0.0023	U	0.0025	U	-	-	0.0021	U	0.0025	U	0.0025	U
Tetrachloroethene	127-18-4	1.3	mg/kg	-	-	-	-	-	-	0.0011	U	0.001	U	0.00097		-	-	0.00065	U	-	-	0.00058	U	0.00062	U	-	-	0.00044	J	0.00062	U	0.00026	J
Toluene	108-88-3	0.7	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	-	-	-	-	-	-	0.0032	U	0.0031	U	0.002	U	-	-	0.002	U	-	-	0.0017	U	0.0018	U	-	-	0.0016	U	0.0018	U	0.0019	U
trans-1,3-Dichloropropene	10061-02-6	~	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
trans-1,4-Dichloro-2-butene	110-57-6	~	mg/kg	-	-	-	-	-	-	0.011	U	0.01	U	0.0065	U	-	-	0.0065	U	-	-	0.0058	U	0.0062	U	-	-	0.0053	U	0.0062	U	0.0062	U
Trichloroethene	79-01-6	0.47	mg/kg	-	-	-	-	-	-	0.0011	U	0.001	U	0.00065	U	-	-	0.00065	U	-	-	0.00058	U	0.00062	U	-	-	0.00053	U	0.00062	U	0.00062	U
Trichlorofluoromethane	75-69-4	~	mg/kg	-	-	-	-	-	-	0.0085	U	0.0082	U	0.0052	U	-	-	0.0052	U	-	-	0.0046	U	0.0049	U	-	-	0.0042	U	0.0049	U	0.005	U
Vinyl acetate	108-05-4	~	mg/kg	-	-	-	-	-	-	0.021	U	0.02	U	0.013	U	-	-	0.013	U	-	-	0.012	U	0.012	U	-	-	0.01	U	0.012	U	0.012	U
Vinyl chloride	75-01-4	0.02	mg/kg	-	-	-	-	-	-	0.0021	U	0.002	U	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U
Xylenes, Total	1330-20-7	1.6	mg/kg	-	-	-	-	-	-	0.0021	U	0.0029	J	0.0013	U	-	-	0.0013	U	-	-	0.0012	U	0.0012	U	-	-	0.001	U	0.0012	U	0.0012	U

* Comparison is not performed on parameters with non-numeric criteria.
Exceedances are in Bold
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use C

Table 3.2
Endpoint Analytical Data (4 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-16-120623 (4-4.5')		EP-16-120623 (4-4.5')		EP-17-120623 (4-4.5')		EP-18-120623 (4-4.5')		EP-18-120623 (4-4.5')		EP-19-120623 (4-4.5')		EP-20-120623 (4-4.5')		EP-21-121223 (4'-4.5')		EP-22-121223 (4'-4.5')		EP-22-121223 (4'-4.5')		EP-23-121223 (4'-4.5')		EP-24-121223 (4'-4.5')		EP-24-121223 (4'-4.5')		EP-25-121423 (4-4.5')	
SAMPLING DATE				12/6/2023		12/6/2023		12/6/2023		12/6/2023		12/6/2023		12/6/2023		12/6/2023		12/12/2023		12/12/2023		12/12/2023		12/12/2023		12/12/2023		12/12/2023		12/14/2023	
LAB SAMPLE ID				L2371861-01		L2371861-01 R1		L2371861-02		L2371861-03		L2371861-03 R1		L2371861-04		L2371861-05		L2373251-13		L2373251-03		L2373251-03 R1		L2373251-04		L2373251-05		L2373251-05 R1		L2373947-16	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																															
Chromium, Hexavalent	18540-29-9	19	mg/kg	0.927	U	-	-	0.904	U	0.928	U	-	-	0.326	J	0.931	U	0.21	J	0.348	J	-	-	0.944	U	0.939	U	-	-	0.913	U
Cyanide, Total	57-12-5	40	mg/kg	-	-	-	-	1.1	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Solids, Total	NONE	~	%	86.3		-	-	88.5		86.2		-	-	86		85.9		81		77.6		-	-	84.7		85.2		-	-	87.6	
Organochlorine Pesticides by GC																															
4,4'-DDD	72-54-8	14	mg/kg	-	-	-	-	0.00178	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	72-55-9	17	mg/kg	-	-	-	-	0.00178	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	50-29-3	136	mg/kg	-	-	-	-	0.00178	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldrin	309-00-2	0.19	mg/kg	-	-	-	-	0.00178	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alpha-BHC	319-84-6	0.02	mg/kg	-	-	-	-	0.000741	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beta-BHC	319-85-7	0.09	mg/kg	-	-	-	-	0.00178	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane	57-74-9	~	mg/kg	-	-	-	-	0.0148	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-Chlordane	5103-71-9	2.9	mg/kg	-	-	-	-	0.00222	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Delta-BHC	319-86-8	0.25	mg/kg	-	-	-	-	0.00178	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	60-57-1	0.1	mg/kg	-	-	-	-	0.00111	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan I	959-98-8	102	mg/kg	-	-	-	-	0.00178	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan II	33213-65-9	102	mg/kg	-	-	-	-	0.00178	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	1031-07-8	1000	mg/kg	-	-	-	-	0.000741	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin	72-20-8	0.06	mg/kg	-	-	-	-	0.000741	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	7421-93-4	~	mg/kg	-	-	-	-	0.00222	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone	53494-70-5	~	mg/kg	-	-	-	-	0.00178	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	76-44-8	0.38	mg/kg	-	-	-	-	0.000889	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	1024-57-3	~	mg/kg	-	-	-	-	0.00333	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lindane	58-89-9	0.1	mg/kg	-	-	-	-	0.000741	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor	72-43-5	~	mg/kg	-	-	-	-	0.00333	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxaphene	8001-35-2	~	mg/kg	-	-	-	-	0.0333	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-Chlordane	5103-74-2	~	mg/kg	-	-	-	-	0.00222	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorinated Alkyl Acids by EPA 1633																															
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	~	mg/kg	-	-	-	-	0.000796	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	~	mg/kg	-	-	-	-	0.000796	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA	2991-50-6	~	mg/kg	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOS	2355-31-9	~	mg/kg	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	-	-	-	-	0.000796	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	-	-	-	-	0.000247		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	-	-	-	-	0.000055	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	-	-	-	-	0.000398	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFOA/PFOS, Total	null	~	mg/kg	-	-	-	-	0.000302	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC																															
Aroclor 1016	12674-11-2	3.2	mg/kg	-	-	-	-	0.0516	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1221	11104-28-2	3.2	mg/kg	-	-	-	-	0.0516	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1232	11141-16-5	3.2	mg/kg	-	-	-	-	0.0516	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1242	53469-21-9	3.2	mg/kg	-	-	-	-	0.0516	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1248	12672-29-6	3.2	mg/kg	-	-	-	-	0.0516	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1254	11097-69-1	3.2	mg/kg	-	-	-	-	0.0516	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1260	11096-82-5	3.2	mg/kg	-	-	-	-	0.0516	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1262	37324-23-5	3.2	mg/kg	-	-	-	-	0.0516	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1268	11100-14-4	3.2	mg/kg	-	-	-	-	0.0183	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs, Total	1336-36-3	3.2	mg/kg	-	-	-	-	0.0183	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semivolatile Organics by GC/MS																															
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.21	U	-	-	0.19	U	0.19	U	-	-	0.19	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.21	U	-	-	0.19	U	0.19	U	-	-	0.19	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	0.31	J	0.04	J	-	-	0.19	U	0.19	U	-	-	0.19	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.21	U	-	-	0.19	U	0.19	U	-	-	0.19	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.21	U	-	-	0.19	U	0.19	U	-	-	0.19	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.14	U	-	-	0.028	U	0.14	U	-	-	0.14	U	0.14	U	0.15	U	0.032	U	-	-	0.029	U	0.029	U	-	-	0.028	U
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.21	U	-	-	0.19	U	0.19	U	-	-	0.19	U
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	0.58	U	-	-	0.11	U	0.57	U	-	-	0.57	U	0.57	U	0.61	U	0.13	U	-	-	0.12	U	0.12	U	-	-	0.11	U
2,4-Dichlorophenol	120-83-2	~	mg/kg	0.87	U	-	-	0.17	U	0.86	U	-	-	0.86	U	0.86	U	0.92	U	0.19	U	-	-	0.17	U	0.18	U	-	-	0.17	U
2,4-Dimethylphenol	105-67-9	~	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.21	U	-	-	0.19	U	0.19	U	-	-	0.19	U
2,4-Dinitrophenol	51-28-5	~	mg/kg	4.6	U	-	-	0.9	U	4.6	U	-	-	4.6	U	4.6	U	4.9	U	1	U	-	-	0.92	U	0.93	U	-	-	0.91	U
2,4-Dinitrotoluene	121-14-2	~	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.21	U	-	-	0.19	U	0.19	U	-	-	0.19	U
2,6-Dinitrotoluene	606-20-2	~	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.21	U	-	-	0.19	U	0.19	U	-	-	0.19	U
2-Chloronaphthalene	91-58-7	~	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.21	U	-	-	0.19	U	0.19	U	-	-	0.19	U
2-Chlorophenol	95-57-8	~	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.21	U	-	-	0.19	U	0.19	U	-	-	0.19	U
2-Methylnaphthalene	91-57-6	~	mg/kg	1.3		-	-	0.031	J	2		-	-	0.37	J	0.36	J	0.37	J	0.29		-	-	0.1	J	0.095	J	-	-	0.18	J
2-Methylphenol	95-48-7	0.33	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.036	J	-	-	0.19	U	0.19	U	-	-	0.19	U

Table 3.2
Endpoint Analytical Data (4 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-16-120623 (4-4.5')		EP-16-120623 (4-4.5')		EP-17-120623 (4-4.5')		EP-18-120623 (4-4.5')		EP-18-120623 (4-4.5')		EP-19-120623 (4-4.5')		EP-20-120623 (4-4.5')		EP-21-121223 (4'-4.5')		EP-22-121223 (4'-4.5')		EP-22-121223 (4'-4.5')		EP-23-121223 (4'-4.5')		EP-24-121223 (4'-4.5')		EP-24-121223 (4'-4.5')		EP-25-121423 (4-4.5')	
SAMPLING DATE				12/6/2023		12/6/2023		12/6/2023		12/6/2023		12/6/2023		12/6/2023		12/6/2023		12/12/2023		12/12/2023		12/12/2023		12/12/2023		12/12/2023		12/12/2023		12/14/2023	
LAB SAMPLE ID				L2371861-01		L2371861-01 R1		L2371861-02		L2371861-03		L2371861-03 R1		L2371861-04		L2371861-05		L2373251-13		L2373251-03		L2373251-03 R1		L2373251-04		L2373251-05		L2373251-05 R1		L2373947-16	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Nitroaniline	88-74-4	~	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.21	U	-	-	0.19	U	0.19	U	-	-	0.19	U
2-Nitrophenol	88-75-5	~	mg/kg	2.1	U	-	-	0.4	U	2.1	U	-	-	2	U	2.1	U	2.2	U	0.46	U	-	-	0.41	U	0.42	U	-	-	0.41	U
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.21	U	-	-	0.19	U	0.19	U	-	-	0.19	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44	0.33	mg/kg	1.4	U	-	-	0.27	U	1.4	U	-	-	1.4	U	1.4	U	1.5	U	0.096	J	-	-	0.04	J	0.04	J	-	-	0.049	J
3-Nitroaniline	99-09-2	~	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.21	U	-	-	0.19	U	0.19	U	-	-	0.19	U
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	2.5	U	-	-	0.49	U	2.5	U	-	-	2.5	U	2.5	U	2.6	U	0.55	U	-	-	0.5	U	0.5	U	-	-	0.49	U
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.21	U	-	-	0.19	U	0.19	U	-	-	0.19	U
4-Chloroaniline	106-47-8	~	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.21	U	-	-	0.19	U	0.19	U	-	-	0.19	U
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.21	U	-	-	0.19	U	0.19	U	-	-	0.19	U
4-Nitroaniline	100-01-6	~	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.21	U	-	-	0.19	U	0.19	U	-	-	0.19	U
4-Nitrophenol	100-02-7	~	mg/kg	1.3	U	-	-	0.26	U	1.3	U	-	-	1.3	U	1.3	U	1.4	U	0.3	U	-	-	0.27	U	0.27	U	-	-	0.26	U
Acenaphthene	83-32-9	98	mg/kg	4.2		-	-	0.11	J	5.6		-	-	0.64	J	0.58	J	0.58	J	0.66		-	-	0.35		0.22		-	-	0.45	
Acenaphthylene	208-96-8	107	mg/kg	0.61	J	-	-	0.073	J	0.85		-	-	0.34	J	0.33	J	0.57	J	0.56		-	-	0.48		0.49		-	-	0.66	
Acetophenone	98-86-2	~	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.033	J	-	-	0.19	U	0.19	U	-	-	0.19	U
Anthracene	120-12-7	1000	mg/kg	10		-	-	0.27		12		-	-	1.5		1.4		1.1		1.8		-	-	1		1.4		-	-	2.6	
Benzo(a)anthracene	56-55-3	1	mg/kg	**15**		-	-	0.65		**20**		-	-	**3.2**		**3**		**2.6**		**4**		-	-	**3.2**		**5**		-	-	**6.3**	
Benzo(a)pyrene	50-32-8	22	mg/kg	17		-	-	0.71		19		-	-	3.4		3		2.9		3.6		-	-	3.2		4.9		-	-	5.3	
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	**20**		-	-	0.77		**22**		-	-	**3.7**		**3.5**		**3.2**		**4**		-	-	**3.7**		**5.5**		-	-	**6.5**	
Benzo(ghi)perylene	191-24-2	1000	mg/kg	8.8		-	-	0.36		10		-	-	2		1.9		1.6		2.1		-	-	1.8		2.7		-	-	3	
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	**5.4**		-	-	0.28		**6.3**		-	-	1.2		1		1.1		1.4		-	-	0.92		**1.7**		-	-	1.6	
Benzoic Acid	65-85-0	~	mg/kg	3.1	U	-	-	0.61	U	3.1	U	-	-	3.1	U	3.1	U	3.3	U	0.69	U	-	-	0.62	U	0.63	U	-	-	0.61	U
Benzyl Alcohol	100-51-6	~	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.21	U	-	-	0.19	U	0.19	U	-	-	0.19	U
Biphenyl	92-52-4	~	mg/kg	0.57	J	-	-	0.43	U	0.65	J	-	-	0.13	J	0.12	J	2.3	U	0.092	J	-	-	0.041	J	0.037	J	-	-	0.066	J
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	1	U	-	-	0.2	U	1	U	-	-	1	U	1	U	1.1	U	0.23	U	-	-	0.21	U	0.21	U	-	-	0.2	U
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	0.87	U	-	-	0.17	U	0.86	U	-	-	0.86	U	0.86	U	0.92	U	0.19	U	-	-	0.17	U	0.18	U	-	-	0.17	U
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	1.2	U	-	-	0.22	U	1.1	U	-	-	1.1	U	1.1	U	1.2	U	0.25	U	-	-	0.23	U	0.23	U	-	-	0.23	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.087	J	-	-	0.19	U	0.19	U	-	-	0.19	U
Butyl benzyl phthalate	85-68-7	~	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.21	U	-	-	0.19	U	0.19	U	-	-	0.19	U
Carbazole	86-74-8	~	mg/kg	4.5		-	-	0.1	J	5.3		-	-	0.45	J	0.45	J	0.35	J	0.46		-	-	0.26		0.33		-	-	0.47	
Chrysene	218-01-9	1	mg/kg	**15**		-	-	0.6		**18**		-	-	**3.2**		**2.9**		**2.5**		**3.8**		-	-	**3.2**		**4.7**		-	-	**5.8**	
Di-n-butylphthalate	84-74-2	~	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.21	U	-	-	0.19	U	0.19	U	-	-	0.19	U
Di-n-octylphthalate	117-84-0	~	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.21	U	-	-	0.19	U	0.19	U	-	-	0.19	U
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	1.9		-	-	0.086	J	2.5		-	-	0.5	J	0.45	J	0.36	J	0.56		-	-	0.47		0.69		-	-	0.74	
Dibenzofuran	132-64-9	210	mg/kg	4.5		-	-	0.062	J	4.6		-	-	0.6	J	0.54	J	0.37	J	0.45		-	-	0.21		0.17	J	-	-	0.35	
Diethyl phthalate	84-66-2	~	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.21	U	-	-	0.19	U	0.19	U	-	-	0.19	U
Dimethyl phthalate	131-11-3	~	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.21	U	-	-	0.19	U	0.19	U	-	-	0.19	U
Fluoranthene	206-44-0	1000	mg/kg	43	E	48		1.4		48	E	53		7.3		6.7		6.6		9.6	E	8		6.7		9.7	E	8.7		10	E
Fluorene	86-73-7	386	mg/kg	6.2		-	-	0.094	J	6.4		-	-	0.72	J	0.66	J	0.56	J	0.91		-	-	0.31		0.26		-	-	0.52	
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.58	U	-	-	0.11	U	0.57	U	-	-	0.57	U	0.57	U	0.61	U	0.13	U	-	-	0.12	U	0.12	U	-	-	0.11	U
Hexachlorobutadiene	87-68-3	~	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.21	U	-	-	0.19	U	0.19	U	-	-	0.19	U
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	2.8	U	-	-	0.54	U	2.7	U	-	-	2.7	U	2.7	U	2.9	U	0.61	U	-	-	0.55	U	0.56	U	-	-	0.54	U
Hexachloroethane	67-72-1	~	mg/kg	0.77	U	-	-	0.15	U	0.76	U	-	-	0.76	U	0.77	U	0.82	U	0.17	U	-	-	0.15	U	0.16	U	-	-	0.15	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	**9.9**		-	-	0.39		**9.5**		-	-	1.7		1.6		1.6		2.2		-	-	2		3		-	-	3.7	
Isophorone	78-59-1	~	mg/kg	0.87	U	-	-	0.17	U	0.86	U	-	-	0.86	U	0.86	U	0.92	U	0.19	U	-	-	0.17	U	0.18	U	-	-	0.17	U
n-Nitrosodi-n-propylamine	621-64-7	~	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.21	U	-	-	0.19	U	0.19	U	-	-	0.19	U
Naphthalene	91-20-3	12	mg/kg	2.8		-	-	0.064	J	4		-	-	0.76	J	0.68	J	1.7		0.69		-	-	0.24		0.23		-	-	0.46	
NDPA/DPA	86-30-6	~	mg/kg	0.77	U	-	-	0.15	U	0.76	U	-	-	0.76	U	0.77	U	0.82	U	0.17	U	-	-	0.15	U	0.16	U	-	-	0.15	U
Nitrobenzene	98-95-3	~	mg/kg	0.87	U	-	-	0.17	U	0.86	U	-	-	0.86	U	0.86	U	0.92	U	0.19	U	-	-	0.17	U	0.18	U	-	-	0.17	U
p-Chloro-m-cresol	59-50-7	~	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.21	U	-	-	0.19	U	0.19	U	-	-	0.19	U
Pentachlorophenol	87-86-5	0.8	mg/kg	0.77	U	-	-	0.15	U	0.76	U	-	-	0.76	U	0.77	U	0.82	U	0.17	U	-	-	0.15	U	0.16	U	-	-	0.15	U
Phenanthrene	85-01-8	1000	mg/kg	46	E	50		1.1		50	E	56		5.8		5.3		4		6.4		-	-	3.2		3.7		-	-	6	
Phenol	108-95-2	0.33	mg/kg	0.96	U	-	-	0.19	U	0.96	U	-	-	0.95	U	0.96	U	1	U	0.074	J	-	-	0.19	U	0.19	U	-	-	0.044	J
Pyrene	129-00-0	1000	mg/kg	34		-	-	1.3		39	E	43		6.4		6		5.7		8.3		-	-	6.2		9	E	-	-	9	E
Total Metals																															
Aluminum, Total	7429-90-5	~	mg/kg	-	-	-	-	5300		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony, Total	7440-36-0	~	mg/kg	-	-	-	-	0.712	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic, Total	7440-38-2	16	mg/kg	**26.4**		-	-	5.92		11.9		-	-	14.4		**16.2**		11.6		13.4		-	-	9.5		9.9		-	-	8.74	
Barium, Total	7440-39-3	820	mg/kg	-	-	-	-	61.8		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium, Total	7440-41-7	47	mg/kg	-	-	-	-	0.329	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium, Total	7440-43-9	7.5	mg/kg	-	-	-	-	0.193	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium, Total	7440-70-2	~	mg/kg	-	-	-	-	5040		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium, Total	7440-47-3	~	mg/kg	-	-	-	-	11.3		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt, Total	7440-48-4	~	mg/kg	-	-	-	-	5.76		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper, Total	7440-50-8	1720	mg/kg	-	-	-	-	30		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron, Total	7439-89-6	~	mg/kg	-	-	-	-	13400		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead, Total	7439-92-1	450	mg/kg	-	-	-	-	206		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium, Total	7439-95-4	~	mg/kg	-	-	-	-	2400		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese, Total	7439-96-5	2000	mg/kg	-	-	-	-	200		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury, Total	7439-97-6	0.73	mg/kg	-	-	-	-	0.364		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel, Total	7440-02-0	130	mg/kg	-	-	-	-	15.6		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium, Total	7440-09-7	~	mg/kg	-	-	-	-	755		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium, Total	7782-49-2	4	mg/kg	-	-	-	-	0.346	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver, Total	7440-22-4	8.3	mg/kg	-	-	-	-	0.26	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium, Total	7440-23-5	~	mg/kg	-	-	-	-	87	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium, Total	7440-28-0	~	mg/kg	-	-	-	-	1.78	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium, Total	7440-62-2	~	mg/kg	-	-	-	-	13.3		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc, Total	7440-66-6	2480	mg/kg	-	-	-	-	357		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organics by EPA 5035																															
1,1,1,2-Tetrachloroethane	630-20-6	~	mg/kg	-	-	-	-	0.00056	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	-	-	-	-	0.00056	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 3.2
Endpoint Analytical Data (4 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-16-120623 (4-4.5')		EP-16-120623 (4-4.5')		EP-17-120623 (4-4.5')		EP-18-120623 (4-4.5')		EP-18-120623 (4-4.5')		EP-19-120623 (4-4.5')		EP-20-120623 (4-4.5')		EP-21-121223 (4'-4.5')		EP-22-121223 (4'-4.5')		EP-22-121223 (4'-4.5')		EP-23-121223 (4'-4.5')		EP-24-121223 (4'-4.5')		EP-24-121223 (4'-4.5')		EP-25-121423 (4-4.5')	
SAMPLING DATE				12/6/2023		12/6/2023		12/6/2023		12/6/2023		12/6/2023		12/6/2023		12/6/2023		12/12/2023		12/12/2023		12/12/2023		12/12/2023		12/12/2023		12/12/2023		12/14/2023	
LAB SAMPLE ID				L2371861-01		L2371861-01 R1		L2371861-02		L2371861-03		L2371861-03 R1		L2371861-04		L2371861-05		L2373251-13		L2373251-03		L2373251-03 R1		L2373251-04		L2373251-05		L2373251-05 R1		L2373947-16	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1,2,2-Tetrachloroethane	79-34-5	~	mg/kg	-	-	-	-	0.00056	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	79-00-5	~	mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	75-34-3	0.27	mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	75-35-4	0.33	mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropene	563-58-6	~	mg/kg	-	-	-	-	0.00056	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	87-61-6	~	mg/kg	-	-	-	-	0.0022	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	96-18-4	~	mg/kg	-	-	-	-	0.0022	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene	95-93-2	~	mg/kg	-	-	-	-	0.0022	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	-	-	-	-	0.0022	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	-	-	-	-	0.0022	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane	96-12-8	~	mg/kg	-	-	-	-	0.0034	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane	106-93-4	~	mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	-	-	0.0022	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	107-06-2	0.02	mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene, Total	540-59-0	~	mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	78-87-5	~	mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	-	-	-	-	0.0022	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	-	-	0.0022	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropane	142-28-9	~	mg/kg	-	-	-	-	0.0022	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropene, Total	542-75-6	~	mg/kg	-	-	-	-	0.00056	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	-	-	0.0022	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	-	-	0.09	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	594-20-7	~	mg/kg	-	-	-	-	0.0022	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone	78-93-3	0.12	mg/kg	-	-	-	-	0.011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	591-78-6	~	mg/kg	-	-	-	-	0.011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	108-10-1	~	mg/kg	-	-	-	-	0.011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	67-64-1	0.05	mg/kg	-	-	-	-	0.011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile	107-13-1	~	mg/kg	-	-	-	-	0.0045	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	71-43-2	0.06	mg/kg	-	-	-	-	0.00056	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene	108-86-1	~	mg/kg	-	-	-	-	0.0022	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromochloromethane	74-97-5	~	mg/kg	-	-	-	-	0.0022	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	75-27-4	~	mg/kg	-	-	-	-	0.00056	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	75-25-2	~	mg/kg	-	-	-	-	0.0045	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromomethane	74-83-9	~	mg/kg	-	-	-	-	0.0022	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	75-15-0	~	mg/kg	-	-	-	-	0.011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	56-23-5	0.76	mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	108-90-7	1.1	mg/kg	-	-	-	-	0.00056	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	75-00-3	~	mg/kg	-	-	-	-	0.0022	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	67-66-3	0.37	mg/kg	-	-	-	-	0.0017	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloromethane	74-87-3	~	mg/kg	-	-	-	-	0.0045	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	10061-01-5	~	mg/kg	-	-	-	-	0.00056	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	124-48-1	~	mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane	74-95-3	~	mg/kg	-	-	-	-	0.0022	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane	75-71-8	~	mg/kg	-	-	-	-	0.011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl ether	60-29-7	~	mg/kg	-	-	-	-	0.0022	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	100-41-4	1	mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	87-68-3	~	mg/kg	-	-	-	-	0.0045	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene	98-82-8	~	mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	-	-	-	-	0.0022	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	75-09-2	0.05	mg/kg	-	-	-	-	0.0056	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene	104-51-8	12	mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	103-65-1	3.9	mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	91-20-3	12	mg/kg	-	-	-	-	0.0012	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Chlorotoluene	95-49-8	~	mg/kg	-	-	-	-	0.0022	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	95-47-6	~	mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Chlorotoluene	106-43-4	~	mg/kg	-	-	-	-	0.0022	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Diethylbenzene	105-05-5	~	mg/kg	-	-	-	-	0.0022	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Ethyltoluene	622-96-8	~	mg/kg	-	-	-	-	0.0022	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Isopropyltoluene	99-87-6	~	mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p/m-Xylene	179601-23-1	~	mg/kg	-	-	-	-	0.0022	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	135-98-8	11	mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	100-42-5	~	mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	98-06-6	5.9	mg/kg	-	-	-	-	0.0022	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	127-18-4	1.3	mg/kg	-	-	-	-	0.00056	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	108-88-3	0.7	mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	-	-	-	-	0.0017	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	10061-02-6	~	mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	110-57-6	~	mg/kg	-	-	-	-	0.0056	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	79-01-6	0.47	mg/kg	-	-	-	-	0.00056	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane	75-69-4	~	mg/kg	-	-	-	-	0.0045	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl acetate	108-05-4	~	mg/kg	-	-	-	-	0.011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	75-01-4	0.02	mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes, Total	1330-20-7	1.6	mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* Comparison is not performed on parameters with non-numeric criteria.

NY-PG SCOs: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Table 3.2
Endpoint Analytical Data (4 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-25-121423 (4-4.5')		EP-31-112823 (4'-4.5')		EP-32-120523 (4-4.5')		EP-33-120523 (4-4.5')		EP-34-120523 (4-4.5')		EP-35-120723 (4'-4.5')		EP-36-120723 (4'-4.5')		EP-37-120723 (4'-4.5')		EP-38-120123-4-4.5'		EP-38-120123-4-4.5'		EP-39-120823 (4'-4.5')		EP-39-120823 (4'-4.5')		EP-40-120823 (4'-4.5')		EP-41-121423 (4-4.5')		EP-46-120523 (4-4.5')	
SAMPLING DATE				12/14/2023		11/28/2023		12/5/2023		12/5/2023		12/5/2023		12/7/2023		12/7/2023		12/7/2023		12/1/2023		12/1/2023		12/8/2023		12/8/2023		12/8/2023		12/14/2023		12/5/2023	
LAB SAMPLE ID				L2373947-16 R1		L2370017-07		L2371540-08		L2371540-09		L2371540-10		L2372282-17		L2372282-18		L2372282-19		L2371003-02		L2371003-02 R1		L2372748-05		L2372748-05 R1		L2372748-06		L2373947-09		L2371540-14	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																																	
Chromium, Hexavalent	18540-29-9	19	mg/kg	-	-	0.92	U	0.909	U	0.929	U	0.214	J	0.914	U	0.206	J	0.943	U	0.95	U	-	-	0.21	J	-	-	0.196	J	0.895	U	0.952	U
Cyanide, Total	57-12-5	40	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Solids, Total	NONE	~	%	-	-	86.9		88		86.1		84.2		87.5		87.3		84.8		84.2		-	-	85.9		-	-	86.8		89.4		84	
Organochlorine Pesticides by GC																																	
4,4'-DDD	72-54-8	14	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	72-55-9	17	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	50-29-3	136	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldrin	309-00-2	0.19	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alpha-BHC	319-84-6	0.02	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beta-BHC	319-85-7	0.09	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane	57-74-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-Chlordane	5103-71-9	2.9	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Delta-BHC	319-86-8	0.25	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	60-57-1	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan I	959-98-8	102	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan II	33213-65-9	102	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	1031-07-8	1000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin	72-20-8	0.06	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	7421-93-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone	53494-70-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	76-44-8	0.38	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	1024-57-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lindane	58-89-9	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor	72-43-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxaphene	8001-35-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-Chlordane	5103-74-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorinated Alkyl Acids by EPA 1633																																	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA	2991-50-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOS	2355-31-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFOA/PFOS, Total	null	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC																																	
Aroclor 1016	12674-11-2	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1221	11104-28-2	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1232	11141-16-5	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1242	53469-21-9	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1248	12672-29-6	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1254	11097-69-1	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1260	11096-82-5	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1262	37324-23-5	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1268	11100-14-4	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs, Total	1336-36-3	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semivolatile Organics by GC/MS																																	
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.19	U	-	-	0.19	U	0.18	U	0.98	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.19	U	-	-	0.19	U	0.18	U	0.98	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.19	U	-	-	0.19	U	0.18	U	0.98	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.19	U	-	-	0.19	U	0.18	U	0.98	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.19	U	-	-	0.19	U	0.18	U	0.98	U
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	0.029	U	0.28	U	0.14	U	0.15	U	0.14	U	0.14	U	0.15	U	0.029	U	-	-	0.029	U	-	-	0.028	U	0.027	U	0.15	U
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.19	U	-	-	0.19	U	0.18	U	0.98	U
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	-	-	0.11	U	1.1	U	0.57	U	0.59	U	0.56	U	0.56	U	0.58	U	0.12	U	-	-	0.11	U	-	-	0.11	U	0.11	U	0.59	U
2,4-Dichlorophenol	120-83-2	~	mg/kg	-	-	0.17	U	1.7	U	0.86	U	0.88	U	0.84	U	0.84	U	0.88	U	0.18	U	-	-	0.17	U	-	-	0.17	U	0.16	U	0.88	U
2,4-Dimethylphenol	105-67-9	~	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.19	U	-	-	0.19	U	0.18	U	0.98	U
2,4-Dinitrophenol	51-28-5	~	mg/kg	-	-	0.92	U	9	U	4.6	U	4.7	U	4.5	U	4.5	U	4.7	U	0.93	U	-	-	0.92	U	-	-	0.91	U	0.88	U	4.7	U
2,4-Dinitrotoluene	121-14-2	~	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.19	U	-	-	0.19	U	0.18	U	0.98	U
2,6-Dinitrotoluene	606-20-2	~	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.19	U	-	-	0.19	U	0.18	U	0.98	U
2-Chloronaphthalene	91-58-7	~	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.19	U	-	-	0.19	U	0.18	U	0.98	U
2-Chlorophenol	95-57-8	~	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.19	U	-	-	0.19	U	0.18	U	0.98	U
2-Methylnaphthalene	91-57-6	~	mg/kg	-	-	0.25		0.24	J	0.71	J	0.62	J	0.22	J	0.4	J	0.78	J	0.3		-	-	1.5		-	-	0.13	J	0.09	J	0.27	J
2-Methylphenol	95-48-7	0.33	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.049	J	-	-	0.19	U	0.18	U	0.98	U

Table 3.2
Endpoint Analytical Data (4 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-25-121423 (4-4.5')		EP-31-112823 (4'-4.5')		EP-32-120523 (4-4.5')		EP-33-120523 (4-4.5')		EP-34-120523 (4-4.5')		EP-35-120723 (4'-4.5')		EP-36-120723 (4'-4.5')		EP-37-120723 (4'-4.5')		EP-38-120123-4-4.5'		EP-38-120123-4-4.5'		EP-39-120823 (4'-4.5')		EP-39-120823 (4'-4.5')		EP-40-120823 (4'-4.5')		EP-41-121423 (4-4.5')		EP-46-120523 (4-4.5')	
SAMPLING DATE				12/14/2023		11/28/2023		12/5/2023		12/5/2023		12/5/2023		12/7/2023		12/7/2023		12/7/2023		12/1/2023		12/1/2023		12/8/2023		12/8/2023		12/8/2023		12/14/2023		12/5/2023	
LAB SAMPLE ID				L2373947-16 R1		L2370017-07		L2371540-08		L2371540-09		L2371540-10		L2372282-17		L2372282-18		L2372282-19		L2371003-02		L2371003-02 R1		L2372748-05		L2372748-05 R1		L2372748-06		L2373947-09		L2371540-14	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Nitroaniline	88-74-4	~	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.19	U	-	-	0.19	U	0.18	U	0.98	U
2-Nitrophenol	88-75-5	~	mg/kg	-	-	0.41	U	4	U	2.1	U	2.1	U	2	U	2	U	2.1	U	0.42	U	-	-	0.41	U	-	-	0.41	U	0.39	U	2.1	U
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.19	U	-	-	0.19	U	0.18	U	0.98	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44	0.33	mg/kg	-	-	0.048	J	2.7	U	1.4	U	1.4	U	1.4	U	0.25	J	0.2	J	0.058	J	-	-	0.17	J	-	-	0.27	U	0.031	J	1.4	U
3-Nitroaniline	99-09-2	~	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.19	U	-	-	0.19	U	0.18	U	0.98	U
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	-	-	0.5	U	4.9	U	2.5	U	2.6	U	2.4	U	2.4	U	2.5	U	0.5	U	-	-	0.5	U	-	-	0.5	U	0.48	U	2.5	U
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.19	U	-	-	0.19	U	0.18	U	0.98	U
4-Chloroaniline	106-47-8	~	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.19	U	-	-	0.19	U	0.18	U	0.98	U
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.19	U	-	-	0.19	U	0.18	U	0.98	U
4-Nitroaniline	100-01-6	~	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.19	U	-	-	0.19	U	0.18	U	0.98	U
4-Nitrophenol	100-02-7	~	mg/kg	-	-	0.27	U	2.6	U	1.3	U	1.4	U	1.3	U	1.3	U	1.4	U	0.27	U	-	-	0.27	U	-	-	0.27	U	0.26	U	1.4	U
Acenaphthene	83-32-9	98	mg/kg	-	-	0.39		0.61	J	1.3		0.88		0.34	J	0.47	J	1.5		0.81		-	-	2.5		-	-	0.29		0.27		0.27	J
Acenaphthylene	208-96-8	107	mg/kg	-	-	0.4		0.55	J	1.2		0.62	J	0.39	J	1		0.54	J	1.2		-	-	1.6		-	-	0.51		0.29		0.22	J
Acetophenone	98-86-2	~	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.14	J	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.19	U	-	-	0.19	U	0.18	U	0.98	U
Anthracene	120-12-7	1000	mg/kg	-	-	1.3		1.8		3.5		2.4		1.1		1.2		2.8		2.5		-	-	8.7	E	9.4		1.4		0.99		0.86	
Benzo(a)anthracene	56-55-3	1	mg/kg	-	-	**3**		**4.3**		**8.2**		**5.6**		**2.5**		**2.8**		**6.1**		**6.4**		-	-	**21**	E	**22**		**3.3**		**2.7**		**1.8**	
Benzo(a)pyrene	50-32-8	22	mg/kg	-	-	3.4		4.5		7.9		5.7		2.5		3		6.2		6.1		-	-	**31**	E	20		3.2		2.8		2	
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	-	-	**3.9**		**5**		**8.5**		**6.4**		**2.9**		**3.1**		**7.1**		**6.9**		-	-	**24**		-	-	**3.5**		**3**		**2.4**	
Benzo(ghi)perylene	191-24-2	1000	mg/kg	-	-	1.4		2.5		5.2		3.2		1.4		1.8		3.4		3.8		-	-	8.3	E	10		1.9		1.4		1.4	
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	-	-	0.98		1.6		**2.8**		**2**		0.94		0.83		**2.1**		**2.3**		-	-	**6.6**		-	-	1.2		1.1		0.72	
Benzoic Acid	65-85-0	~	mg/kg	-	-	0.62	U	6.1	U	3.1	U	3.2	U	3	U	3	U	3.2	U	0.63	U	-	-	0.62	U	-	-	0.62	U	0.59	U	3.2	U
Benzyl Alcohol	100-51-6	~	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.19	U	-	-	0.19	U	0.18	U	0.98	U
Biphenyl	92-52-4	~	mg/kg	-	-	0.07	J	4.3	U	0.28	J	0.18	J	2.1	U	2.1	U	0.27	J	0.12	J	-	-	0.39	J	-	-	0.052	J	0.039	J	2.2	U
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	-	-	0.21	U	2	U	1	U	1.1	U	1	U	1	U	1	U	0.21	U	-	-	0.21	U	-	-	0.2	U	0.2	U	1	U
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	-	-	0.17	U	1.7	U	0.86	U	0.88	U	0.84	U	0.84	U	0.88	U	0.18	U	-	-	0.17	U	-	-	0.17	U	0.16	U	0.88	U
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	-	-	0.23	U	2.2	U	1.1	U	1.2	U	1.1	U	1.1	U	1.2	U	0.23	U	-	-	0.23	U	-	-	0.23	U	0.22	U	1.2	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.19	U	-	-	0.19	U	0.97		0.98	U
Butyl benzyl phthalate	85-68-7	~	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.19	U	-	-	0.19	U	0.18	U	0.98	U
Carbazole	86-74-8	~	mg/kg	-	-	0.45		0.61	J	1.2		0.99		0.42	J	0.26	J	0.82	J	0.72		-	-	4		-	-	0.4		0.29		0.27	J
Chrysene	218-01-9	1	mg/kg	-	-	**2.7**		**4.4**		**7.3**		**5.3**		**2.5**		**2.9**		**6.1**		**5.9**		-	-	**16**	E	**19**		**2.9**		**2.5**		**1.8**	
Di-n-butylphthalate	84-74-2	~	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.19	U	-	-	0.19	U	0.18	U	0.98	U
Di-n-octylphthalate	117-84-0	~	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.19	U	-	-	0.19	U	0.18	U	0.98	U
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	-	-	0.29		0.51	J	1		0.7		0.29	J	0.36	J	0.67		0.9		-	-	3.5		-	-	0.6		0.46		0.24	J
Dibenzofuran	132-64-9	210	mg/kg	-	-	0.32		0.39	J	0.95		0.77	J	0.27	J	0.31	J	0.98		0.58		-	-	2.4		-	-	0.26		0.21		0.24	J
Diethyl phthalate	84-66-2	~	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.19	U	-	-	0.19	U	0.18	U	0.98	U
Dimethyl phthalate	131-11-3	~	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.19	U	-	-	0.19	U	0.18	U	0.98	U
Fluoranthene	206-44-0	1000	mg/kg	16		6.6		9.7		17		12		5.6		5.3		14		11	E	12		29	E	49		7.2		5.9		3.8	
Fluorene	86-73-7	386	mg/kg	-	-	0.44		0.59	J	1.5		1.1		0.43	J	0.68	J	1.7		1.2		-	-	4		-	-	0.42		0.36		0.36	J
Hexachlorobenzene	118-74-1	3.2	mg/kg	-	-	0.11	U	1.1	U	0.57	U	0.59	U	0.56	U	0.56	U	0.58	U	0.12	U	-	-	0.11	U	-	-	0.11	U	0.11	U	0.59	U
Hexachlorobutadiene	87-68-3	~	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.19	U	-	-	0.19	U	0.18	U	0.98	U
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	-	-	0.54	U	5.4	U	2.7	U	2.8	U	2.7	U	2.7	U	2.8	U	0.56	U	-	-	0.55	U	-	-	0.54	U	0.52	U	2.8	U
Hexachloroethane	67-72-1	~	mg/kg	-	-	0.15	U	1.5	U	0.76	U	0.78	U	0.75	U	0.75	U	0.78	U	0.16	U	-	-	0.15	U	-	-	0.15	U	0.15	U	0.78	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	-	-	1.3		2.5		4.2		3.5		1.4		1.7		2.9		4.3		-	-	**9.4**	E	**10**		1.7		1.4		1.4	
Isophorone	78-59-1	~	mg/kg	-	-	0.17	U	1.7	U	0.86	U	0.88	U	0.84	U	0.84	U	0.88	U	0.18	U	-	-	0.17	U	-	-	0.17	U	0.16	U	0.88	U
n-Nitrosodi-n-propylamine	621-64-7	~	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.19	U	-	-	0.19	U	0.18	U	0.98	U
Naphthalene	91-20-3	12	mg/kg	-	-	0.43		0.36	J	1.3		0.81	J	0.45	J	0.9	J	1.8		0.84		-	-	2.6		-	-	0.29		0.27		0.37	J
NDPA/DPA	86-30-6	~	mg/kg	-	-	0.15	U	1.5	U	0.76	U	0.78	U	0.75	U	0.75	U	0.78	U	0.16	U	-	-	0.15	U	-	-	0.15	U	0.15	U	0.78	U
Nitrobenzene	98-95-3	~	mg/kg	-	-	0.17	U	1.7	U	0.86	U	0.88	U	0.84	U	0.84	U	0.88	U	0.18	U	-	-	0.17	U	-	-	0.17	U	0.16	U	0.88	U
p-Chloro-m-cresol	59-50-7	~	mg/kg	-	-	0.19	U	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.97	U	0.19	U	-	-	0.19	U	-	-	0.19	U	0.18	U	0.98	U
Pentachlorophenol	87-86-5	0.8	mg/kg	-	-	0.15	U	1.5	U	0.76	U	0.78	U	0.75	U	0.75	U	0.78	U	0.16	U	-	-	0.15	U	-	-	0.15	U	0.15	U	0.78	U
Phenanthrene	85-01-8	1000	mg/kg	-	-	4.8		7		12		9.4		3.9		4		10		7.5		-	-	24	E	32		3.7		3.3		3	
Phenol	108-95-2	0.33	mg/kg	-	-	0.031	J	1.9	U	0.95	U	0.98	U	0.94	U	0.94	U	0.19	J	0.19	U	-	-	0.13	J	-	-	0.19	U	0.18	U	0.98	U
Pyrene	129-00-0	1000	mg/kg	14		5.9		8.6		16		10		4.8		5.8		13		9.5	E	10		28	E	40		6		5		3.3	
Total Metals																															
Aluminum, Total	7429-90-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony, Total	7440-36-0	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic, Total	7440-38-2	16	mg/kg	-	-	8.31		12.1		11.4		**17.9**		12.2		**20.9**		11.2		15.3		-	-	10.7		-	-	6.77		4.56		6.48	
Barium, Total	7440-39-3	820	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium, Total	7440-41-7	47	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium, Total	7440-43-9	7.5	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium, Total	7440-70-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium, Total	7440-47-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt, Total	7440-48-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper, Total	7440-50-8	1720	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron, Total	7439-89-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead, Total	7439-92-1	450	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium, Total	7439-95-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese, Total	7439-96-5	2000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury, Total	7439-97-6	0.73	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel, Total	7440-02-0	130	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium, Total	7440-09-7	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium, Total	7782-49-2	4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver, Total	7440-22-4	8.3	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium, Total	7440-23-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium, Total	7440-28-0	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium, Total	7440-62-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc, Total	7440-66-6	2480	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organics by EPA 5035																															
1,1,1,2-Tetrachloroethane	630-20-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 3.2
Endpoint Analytical Data (4 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-25-121423 (4-4.5')		EP-31-112823 (4'-4.5')		EP-32-120523 (4-4.5')		EP-33-120523 (4-4.5')		EP-34-120523 (4-4.5')		EP-35-120723 (4'-4.5')		EP-36-120723 (4'-4.5')		EP-37-120723 (4'-4.5')		EP-38-120123-4-4.5'		EP-38-120123-4-4.5'		EP-39-120823 (4'-4.5')		EP-39-120823 (4'-4.5')		EP-40-120823 (4'-4.5')		EP-41-121423 (4-4.5')		EP-46-120523 (4-4.5')	
SAMPLING DATE				12/14/2023		11/28/2023		12/5/2023		12/5/2023		12/5/2023		12/7/2023		12/7/2023		12/7/2023		12/1/2023		12/1/2023		12/8/2023		12/8/2023		12/8/2023		12/14/2023		12/5/2023	
LAB SAMPLE ID				L2373947-16 R1		L2370017-07		L2371540-08		L2371540-09		L2371540-10		L2372282-17		L2372282-18		L2372282-19		L2371003-02		L2371003-02 R1		L2372748-05		L2372748-05 R1		L2372748-06		L2373947-09		L2371540-14	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1,2,2-Tetrachloroethane	79-34-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	79-00-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	75-34-3	0.27	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	75-35-4	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropene	563-58-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	87-61-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	96-18-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene	95-93-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane	96-12-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane	106-93-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	107-06-2	0.02	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene, Total	540-59-0	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	78-87-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropane	142-28-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropene, Total	542-75-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	594-20-7	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone	78-93-3	0.12	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	591-78-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	108-10-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	67-64-1	0.05	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile	107-13-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	71-43-2	0.06	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene	108-86-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromochloromethane	74-97-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	75-27-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	75-25-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromomethane	74-83-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	75-15-0	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	56-23-5	0.76	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	108-90-7	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	75-00-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	67-66-3	0.37	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloromethane	74-87-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	10061-01-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	124-48-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane	74-95-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane	75-71-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl ether	60-29-7	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	100-41-4	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	87-68-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene	98-82-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	75-09-2	0.05	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene	104-51-8	12	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	103-65-1	3.9	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	91-20-3	12	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Chlorotoluene	95-49-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	95-47-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Chlorotoluene	106-43-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Diethylbenzene	105-05-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Ethyltoluene	622-96-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Isopropyltoluene	99-87-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p/m-Xylene	179601-23-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	135-98-8	11	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	100-42-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	98-06-6	5.9	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	127-18-4	1.3	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	108-88-3	0.7	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	10061-02-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	110-57-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	79-01-6	0.47	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane	75-69-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl acetate	108-05-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	75-01-4	0.02	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes, Total	1330-20-7	1.6	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* Comparison is not performed on parameters with non-numeric criteria.

NY-PG SCOs: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per

Table 3.2
Endpoint Analytical Data (4 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-47-120523 (4-4.5')		EP-48-120523 (4-4.5')		EP-49-120523 (4-4.5')		EP-50-120723 (4'-4.5')		EP-51-120723 (4'-4.5')		EP-52-120723 (4'-4.5')		EP-53-121223 (4'-4.5')		EP-54-120823 (4'-4.5')		EP-54-120823 (4'-4.5')		EP-55-120823 (4'-4.5')		EP-56-121423 (4-4.5')		EP-57-121423 (4-4.5')		EP-58-121323 (4'-4.5')		EP-59-121423 (4-4.5')		EP-62-112823 (4'-4.5')	
SAMPLING DATE				12/5/2023		12/5/2023		12/5/2023		12/7/2023		12/7/2023		12/7/2023		12/12/2023		12/8/2023		12/8/2023		12/8/2023		12/14/2023		12/14/2023		12/13/2023		12/14/2023		11/28/2023	
LAB SAMPLE ID				L2371540-11		L2371540-12		L2371540-13		L2372282-15		L2372282-16		L2372282-20		L2373251-11		L2372748-04		L2372748-04 R1		L2372748-07		L2373947-15		L2373947-10		L2373604-05		L2373947-11		L2370017-02	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																																	
Chromium, Hexavalent	18540-29-9	19	mg/kg	0.195	J	0.868	U	0.964	U	0.276	J	0.932	U	0.932	U	0.792	J	0.214	J	-	-	1.05	U	0.217	J	0.999	U	0.897	U	1.01	U	0.971	U
Cyanide, Total	57-12-5	40	mg/kg	-	-	1	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.2	U	-	-
Solids, Total	NONE	~	%	87		92.2		83		83.4		85.8		85.8		83.3		84.2		-	-	75.9		82.8		80.1		89.2		79.2		82.4	
Organochlorine Pesticides by GC																																	
4,4'-DDD	72-54-8	14	mg/kg	-	-	0.00164	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0056	U	-	-
4,4'-DDE	72-55-9	17	mg/kg	-	-	0.00164	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0056	U	-	-
4,4'-DDT	50-29-3	136	mg/kg	-	-	0.00164	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0056	U	-	-
Aldrin	309-00-2	0.19	mg/kg	-	-	0.00164	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0056	U	-	-
Alpha-BHC	319-84-6	0.02	mg/kg	-	-	0.000681	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00233	U	-	-
Beta-BHC	319-85-7	0.09	mg/kg	-	-	0.00164	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0056	U	-	-
Chlordane	57-74-9	~	mg/kg	-	-	0.0136	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0467	U	-	-
cis-Chlordane	5103-71-9	2.9	mg/kg	-	-	0.00204	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.007	U	-	-
Delta-BHC	319-86-8	0.25	mg/kg	-	-	0.00164	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0056	U	-	-
Dieldrin	60-57-1	0.1	mg/kg	-	-	0.00102	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0035	U	-	-
Endosulfan I	959-98-8	102	mg/kg	-	-	0.00164	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0056	U	-	-
Endosulfan II	33213-65-9	102	mg/kg	-	-	0.00164	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0056	U	-	-
Endosulfan sulfate	1031-07-8	1000	mg/kg	-	-	0.000681	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00233	U	-	-
Endrin	72-20-8	0.06	mg/kg	-	-	0.000681	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00233	U	-	-
Endrin aldehyde	7421-93-4	~	mg/kg	-	-	0.00204	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.007	U	-	-
Endrin ketone	53494-70-5	~	mg/kg	-	-	0.00164	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0056	U	-	-
Heptachlor	76-44-8	0.38	mg/kg	-	-	0.000818	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0028	U	-	-
Heptachlor epoxide	1024-57-3	~	mg/kg	-	-	0.00306	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0105	U	-	-
Lindane	58-89-9	0.1	mg/kg	-	-	0.000681	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00233	U	-	-
Methoxychlor	72-43-5	~	mg/kg	-	-	0.00306	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0105	U	-	-
Toxaphene	8001-35-2	~	mg/kg	-	-	0.0306	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.105	U	-	-
trans-Chlordane	5103-74-2	~	mg/kg	-	-	0.00204	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.007	U	-	-
Perfluorinated Alkyl Acids by EPA 1633																																	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	~	mg/kg	-	-	0.000761	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000792	U	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	~	mg/kg	-	-	0.000761	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000792	U	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA	2991-50-6	~	mg/kg	-	-	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000198	U	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOS	2355-31-9	~	mg/kg	-	-	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000198	U	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	-	-	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000064	J	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	-	-	0.000761	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000792	U	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	-	-	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000198	U	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	-	-	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000198	U	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	-	-	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000198	U	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	-	-	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000198	U	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	-	-	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000142	J	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	-	-	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000283		-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	-	-	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000077	J	-	-
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	-	-	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000198	U	-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	-	-	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000198	U	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	-	-	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000198	U	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	-	-	0.000081	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00158		-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	-	-	0.00038	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000396	U	-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	-	-	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000198	U	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	-	-	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000198	U	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	-	-	0.00019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000198	U	-	-
PFOA/PFOS, Total	null	~	mg/kg	-	-	0.000081	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00158		-	-
Polychlorinated Biphenyls by GC																																	
Aroclor 1016	12674-11-2	3.2	mg/kg	-	-	0.0514	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.114	U	-	-
Aroclor 1221	11104-28-2	3.2	mg/kg	-	-	0.0514	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.114	U	-	-
Aroclor 1232	11141-16-5	3.2	mg/kg	-	-	0.0514	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.114	U	-	-
Aroclor 1242	53469-21-9	3.2	mg/kg	-	-	0.0514	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.114	U	-	-
Aroclor 1248	12672-29-6	3.2	mg/kg	-	-	0.0514	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.114	U	-	-
Aroclor 1254	11097-69-1	3.2	mg/kg	-	-	0.0514	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.114	U	-	-
Aroclor 1260	11096-82-5	3.2	mg/kg	-	-	0.0514	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.114	U	-	-
Aroclor 1262	37324-23-5	3.2	mg/kg	-	-	0.0514	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.114	U	-	-
Aroclor 1268	11100-14-4	3.2	mg/kg	-	-	0.0514	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.114	U	-	-
PCBs, Total	1336-36-3	3.2	mg/kg	-	-	0.0514	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.114	U	-	-
Semivolatile Organics by GC/MS																																	
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	0.94	U	0.18	U	0.98	U	0.98	U	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.21	U	0.2	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.94	U	0.18	U	0.98	U	0.98	U	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.026	J	0.2	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.94	U	0.18	U	0.98	U	0.98	U	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.043	J	0.2	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.94	U	0.18	U	0.98	U	0.98	U	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.05	J	0.2	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.94	U	0.18	U	0.98	U	0.98	U	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.21	U	0.2	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.14	U	0.027	U	0.15	U	0.15	U	0.14	U	0.14	U	0.15	U	0.029	U	-	-	0.16	U	0.03	U	0.031	U	0.028	U	0.031	U	0.03	U
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	0.94	U	0.18	U	0.98	U	0.98	U	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.21	U	0.2	U
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	0.56	U	0.11	U	0.59	U	0.59	U	0.58	U	0.57	U	0.6	U	0.12	U	-	-	0.65	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
2,4-Dichlorophenol	120-83-2	~	mg/kg	0.85	U	0.16	U	0.88	U	0.88	U	0.87	U	0.86	U	0.9	U	0.17	U	-	-	0.98	U	0.18	U	0.19	U	0.17	U	0.19	U	0.18	U
2,4-Dimethylphenol	105-67-9	~	mg/kg	0.94	U	0.18	U	0.98	U	0.54	J	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.21	U	0.2	U
2,4-Dinitrophenol	51-28-5	~	mg/kg	4.5	U	0.86	U	4.7	U	4.7	U	4.6	U	4.6	U	4.8	U	0.93	U	-	-	5.2	U	0.96	U	0.99	U	0.89	U	1	U	0.96	U
2,4-Dinitrotoluene	121-14-2	~	mg/kg	0.94	U	0.18	U	0.98	U	0.98	U	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.21	U	0.2	U
2,6-Dinitrotoluene	606-20-2	~	mg/kg	0.94	U	0.18	U	0.98	U	0.98	U	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.21	U	0.2	U
2-Chloronaphthalene	91-58-7	~	mg/kg	0.94	U	0.18	U	0.98	U	0.98	U	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.031	J	0.2	U
2-Chlorophenol	95-57-8	~	mg/kg	0.94	U	0.18	U	0.98	U	0.98	U	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.21	U	0.2	U
2-Methylnaphthalene	91-57-6	~	mg/kg	0.4	J	0.22	U	0.35	J	0.74	J	0.2	J	0.19	J	0.5	J	0.31		-	-	1.3	U	0.19	J	0.15	J	0.13	J	0.2	J	0.22	J
2-Methylphenol	95-48-7	0.33	mg/kg	0.94	U	0.18	U	0.98	U	**0.51**	J	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.21	U	0.2	U

Table 3.2
Endpoint Analytical Data (4 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-47-120523 (4-4.5')		EP-48-120523 (4-4.5')		EP-49-120523 (4-4.5')		EP-50-120723 (4'-4.5')		EP-51-120723 (4'-4.5')		EP-52-120723 (4'-4.5')		EP-53-121223 (4'-4.5')		EP-54-120823 (4'-4.5')		EP-54-120823 (4'-4.5')		EP-55-120823 (4'-4.5')		EP-56-121423 (4-4.5')		EP-57-121423 (4-4.5')		EP-58-121323 (4'-4.5')		EP-59-121423 (4-4.5')		EP-62-112823 (4'-4.5')	
SAMPLING DATE				12/5/2023		12/5/2023		12/5/2023		12/7/2023		12/7/2023		12/7/2023		12/12/2023		12/8/2023		12/8/2023		12/8/2023		12/14/2023		12/14/2023		12/13/2023		12/14/2023		11/28/2023	
LAB SAMPLE ID				L2371540-11		L2371540-12		L2371540-13		L2372282-15		L2372282-16		L2372282-20		L2373251-11		L2372748-04		L2372748-04 R1		L2372748-07		L2373947-15		L2373947-10		L2373604-05		L2373947-11		L2370017-02	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Nitroaniline	88-74-4	~	mg/kg	0.94	U	0.18	U	0.98	U	0.98	U	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.21	U	0.2	U
2-Nitrophenol	88-75-5	~	mg/kg	2	U	0.39	U	2.1	U	2.1	U	2.1	U	2	U	2.2	U	0.42	U	-	-	2.3	U	0.43	U	0.45	U	0.4	U	0.45	U	0.43	U
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	0.94	U	0.18	U	0.98	U	0.98	U	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.21	U	0.2	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44	0.33	mg/kg	1.4	U	0.26	U	1.4	U	**0.69**	J	1.4	U	1.4	U	1.4	U	0.12	J	-	-	1.6	U	0.073	J	0.3	U	0.044	J	0.04	J	0.051	J
3-Nitroaniline	99-09-2	~	mg/kg	0.94	U	0.18	U	0.98	U	0.98	U	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.21	U	0.2	U
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	2.4	U	0.47	U	2.6	U	2.5	U	2.5	U	2.5	U	2.6	U	0.5	U	-	-	2.8	U	0.52	U	0.54	U	0.48	U	0.54	U	0.52	U
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	0.94	U	0.18	U	0.98	U	0.98	U	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.21	U	0.2	U
4-Chloroaniline	106-47-8	~	mg/kg	0.94	U	0.18	U	0.98	U	0.98	U	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.21	U	0.2	U
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	0.94	U	0.18	U	0.98	U	0.98	U	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.21	U	0.2	U
4-Nitroaniline	100-01-6	~	mg/kg	0.94	U	0.18	U	0.98	U	0.98	U	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.21	U	0.2	U
4-Nitrophenol	100-02-7	~	mg/kg	1.3	U	0.25	U	1.4	U	1.4	U	1.3	U	1.3	U	1.4	U	0.27	U	-	-	1.5	U	0.28	U	0.29	U	0.26	U	0.29	U	0.28	U
Acenaphthene	83-32-9	98	mg/kg	1.3		0.019	J	0.87		0.59	J	0.51	J	0.64	J	1.8		1.9		-	-	0.87	U	0.35		0.09	J	0.26		0.17	U	0.49	
Acenaphthylene	208-96-8	107	mg/kg	0.62	J	0.052	J	0.76	J	0.29	J	0.77	U	0.26	J	3.1		3.3		-	-	0.87	U	0.36		0.14	J	0.33		0.043	J	0.91	
Acetophenone	98-86-2	~	mg/kg	0.94	U	0.18	U	0.98	U	0.2	J	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.032	J	0.21	U	0.2	U
Anthracene	120-12-7	1000	mg/kg	2.3		0.065	J	2.2		1.4		1.4		1.8		5.8		10	E	8		0.26	J	1		0.23		1		0.08	J	1.5	
Benzo(a)anthracene	56-55-3	1	mg/kg	**5.2**		0.16		**4.5**		**2.9**		**2.6**		**4.2**		**14**		**11**	E	**15**		0.66		**2.5**		0.74		**2.7**		0.2		**4.9**	
Benzo(a)pyrene	50-32-8	22	mg/kg	5.3		0.16		4.8		3		2.4		3.8		15		19	E	14		0.73	J	2.5		0.75		2.5		0.16	J	6.4	
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	**5.7**		0.18		**5.4**		**3.2**		**2.7**		**4.3**		**17**		**15**		-	-	0.86		**2.8**		0.84		**3.1**		0.27		**6.7**	
Benzo(ghi)perylene	191-24-2	1000	mg/kg	3.2		0.12	J	2.8		1.7		1.3		2		8.2		7.8	E	7		0.45	J	1.4		0.53		1.4		0.13	J	4.5	
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	**2.2**		0.057	J	1.4		1.2		0.89		1.5		**6.5**		**5**		-	-	0.31	J	0.88		0.29		0.73		0.04	J	1.6	
Benzoic Acid	65-85-0	~	mg/kg	3	U	0.58	U	3.2	U	3.2	U	3.1	U	3.1	U	3.2	U	0.63	U	-	-	3.5	U	0.65	U	0.67	U	0.6	U	0.67	U	0.65	U
Benzyl Alcohol	100-51-6	~	mg/kg	0.94	U	0.18	U	0.98	U	0.98	U	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.21	U	0.2	U
Biphenyl	92-52-4	~	mg/kg	0.14	J	0.41	U	2.2	U	0.24	J	2.2	U	2.2	U	0.17	J	0.11	J	-	-	2.5	U	0.059	J	0.47	U	0.039	J	0.038	J	0.076	J
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	1	U	0.19	U	1.1	U	1	U	1	U	1	U	1.1	U	0.21	U	-	-	1.2	U	0.22	U	0.22	U	0.2	U	0.22	U	0.22	U
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	0.85	U	0.16	U	0.88	U	0.88	U	0.87	U	0.86	U	0.9	U	0.17	U	-	-	0.98	U	0.18	U	0.19	U	0.17	U	0.19	U	0.18	U
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	1.1	U	0.22	U	1.2	U	1.2	U	1.2	U	1.1	U	1.2	U	0.23	U	-	-	1.3	U	0.24	U	0.25	U	0.22	U	0.25	U	0.24	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	0.94	U	0.18	U	0.98	U	0.48	J	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.21	U	0.2	U
Butyl benzyl phthalate	85-68-7	~	mg/kg	0.94	U	0.18	U	0.98	U	0.98	U	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.21	U	0.2	U
Carbazole	86-74-8	~	mg/kg	1		0.024	J	0.82	J	0.52	J	0.57	J	0.58	J	2		0.96		-	-	0.15	J	0.37		0.082	J	0.23		0.035	J	0.49	
Chrysene	218-01-9	1	mg/kg	**5.1**		0.15		**4.8**		**2.8**		**2.4**		**3.8**		**12**		**22**	E	**13**		0.76		**2.4**		0.99		**2.4**		0.42		**4.8**	
Di-n-butylphthalate	84-74-2	~	mg/kg	0.94	U	0.18	U	0.98	U	0.98	U	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.21	U	0.2	U
Di-n-octylphthalate	117-84-0	~	mg/kg	0.94	U	0.18	U	0.98	U	0.98	U	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.21	U	0.2	U
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	0.83		0.022	J	0.58	J	0.37	J	0.26	J	0.44	J	2		2.8		-	-	0.12	J	0.36		0.1	J	0.28		0.068	J	0.75	
Dibenzofuran	132-64-9	210	mg/kg	0.79	J	0.18	U	0.63	J	0.58	J	0.37	J	0.42	J	1.2		1.5		-	-	0.1	J	0.28		0.089	J	0.18		0.036	J	0.34	
Diethyl phthalate	84-66-2	~	mg/kg	0.94	U	0.18	U	0.98	U	0.98	U	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.21	U	0.2	U
Dimethyl phthalate	131-11-3	~	mg/kg	0.94	U	0.18	U	0.98	U	0.98	U	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.21	U	0.2	U
Fluoranthene	206-44-0	1000	mg/kg	13		0.34		10		6.5		6.4		8.9		29		38	E	41		1.7		5.8		1.2		5.4		0.22		9.9	E
Fluorene	86-73-7	386	mg/kg	1.1		0.025	J	0.93	J	0.75	J	0.68	J	0.84	J	2		2.3		-	-	0.16	J	0.46		0.12	J	0.3		0.035	J	0.52	
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.56	U	0.11	U	0.59	U	0.59	U	0.58	U	0.57	U	0.6	U	0.12	U	-	-	0.65	U	0.12	U	0.12	U	0.11	U	0.12	U	0.12	U
Hexachlorobutadiene	87-68-3	~	mg/kg	0.94	U	0.18	U	0.98	U	0.98	U	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.21	U	0.2	U
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	2.7	U	0.51	U	2.8	U	2.8	U	2.8	U	2.7	U	2.8	U	0.56	U	-	-	3.1	U	0.57	U	0.59	U	0.53	U	0.59	U	0.57	U
Hexachloroethane	67-72-1	~	mg/kg	0.75	U	0.14	U	0.78	U	0.78	U	0.77	U	0.76	U	0.8	U	0.16	U	-	-	0.87	U	0.16	U	0.16	U	0.15	U	0.17	U	0.16	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	2.8		0.11	J	2.8		1.4		1.1		1.9		**9.5**		7.5		-	-	0.4	J	1.2		0.47		1.5		0.092	J	3.4	
Isophorone	78-59-1	~	mg/kg	0.85	U	0.16	U	0.88	U	0.88	U	0.87	U	0.86	U	0.9	U	0.17	U	-	-	0.98	U	0.18	U	0.19	U	0.17	U	0.19	U	0.18	U
n-Nitrosodi-n-propylamine	621-64-7	~	mg/kg	0.94	U	0.18	U	0.98	U	0.98	U	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.21	U	0.2	U
Naphthalene	91-20-3	12	mg/kg	0.58	J	0.18	U	0.56	J	1.5		0.37	J	0.39	J	1		0.66		-	-	0.17	J	0.34		0.21		0.24		0.19	J	0.46	
NDPA/DPA	86-30-6	~	mg/kg	0.75	U	0.14	U	0.78	U	0.23	J	0.77	U	0.76	U	0.8	U	0.16	U	-	-	0.87	U	0.16	U	0.16	U	0.15	U	0.17	U	0.16	U
Nitrobenzene	98-95-3	~	mg/kg	0.85	U	0.16	U	0.88	U	0.88	U	0.87	U	0.86	U	0.9	U	0.17	U	-	-	0.98	U	0.18	U	0.19	U	0.17	U	0.19	U	0.18	U
p-Chloro-m-cresol	59-50-7	~	mg/kg	0.94	U	0.18	U	0.98	U	0.98	U	0.96	U	0.95	U	1	U	0.19	U	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.21	U	0.2	U
Pentachlorophenol	87-86-5	0.8	mg/kg	0.75	U	0.14	U	0.78	U	0.78	U	0.77	U	0.76	U	0.8	U	0.16	U	-	-	0.87	U	0.16	U	0.16	U	0.15	U	0.17	U	0.16	U
Phenanthrene	85-01-8	1000	mg/kg	10		0.24		9.4		5.4		5.7		6.8		19		21	E	19		1.4		3.6		1.1		3.2		0.45		6	
Phenol	108-95-2	0.33	mg/kg	0.94	U	0.18	U	0.98	U	**1.6**		0.96	U	0.95	U	1	U	0.069	J	-	-	1.1	U	0.2	U	0.21	U	0.18	U	0.21	U	0.044	J
Pyrene	129-00-0	1000	mg/kg	11		0.29		9.7		5.7		5.4		7.9		24		33	E	32		1.6		5.1		1.2		4.7		0.22		9.6	E
Total Metals																															
Aluminum, Total	7429-90-5	~	mg/kg	-	-	2160		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1940		-	-
Antimony, Total	7440-36-0	~	mg/kg	-	-	4.19	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.224	J	-	-
Arsenic, Total	7440-38-2	16	mg/kg	**231**		1.17		**46.2**		15.5		6.01		11.3		15.8		9.17		-	-	**43.7**		9.47		**24**		5.51		9.64		15.2	
Barium, Total	7440-39-3	820	mg/kg	-	-	23.8		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	77.4		-	-
Beryllium, Total	7440-41-7	47	mg/kg	-	-	0.148	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.336		-	-
Cadmium, Total	7440-43-9	7.5	mg/kg	-	-	0.096	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.49	U	-	-
Calcium, Total	7440-70-2	~	mg/kg	-	-	500		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2390		-	-
Chromium, Total	7440-47-3	~	mg/kg	-	-	7.13		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.71		-	-
Cobalt, Total	7440-48-4	~	mg/kg	-	-	4.1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.17		-	-
Copper, Total	7440-50-8	1720	mg/kg	-	-	19		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19.4		-	-
Iron, Total	7439-89-6	~	mg/kg	-	-	13500		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9820		-	-
Lead, Total	7439-92-1	450	mg/kg	-	-	7.58		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14.8		-	-
Magnesium, Total	7439-95-4	~	mg/kg	-	-	799		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	311		-	-
Manganese, Total	7439-96-5	2000	mg/kg	-	-	108		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	37.9		-	-
Mercury, Total	7439-97-6	0.73	mg/kg	-	-	0.078	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.079	U	-	-
Nickel, Total	7440-02-0	130	mg/kg	-	-	7.72		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9.84		-	-
Potassium, Total	7440-09-7	~	mg/kg	-	-	600		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	241		-	-
Selenium, Total	7782-49-2	4	mg/kg	-	-	1.68	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.379	J	-	-
Silver, Total	7440-22-4	8.3	mg/kg	-	-	0.419	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.245	U	-	-
Sodium, Total	7440-23-5	~	mg/kg	-	-	26.8	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	221		-	-
Thallium, Total	7440-28-0	~	mg/kg	-	-	1.68	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.194	J	-	-
Vanadium, Total	7440-62-2	~	mg/kg	-	-	6.7		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.38		-	-
Zinc, Total	7440-66-6	2480	mg/kg	-	-	114		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.2		-	-
Volatile Organics by EPA 5035																															
1,1,1,2-Tetrachloroethane	630-20-6	~	mg/kg	-	-	0.00054	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00097	U	-	-
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	-	-	0.00054	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00097	U	-	-

Table 3.2
Endpoint Analytical Data (4 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-47-120523 (4-4.5')		EP-48-120523 (4-4.5')		EP-49-120523 (4-4.5')		EP-50-120723 (4'-4.5')		EP-51-120723 (4'-4.5')		EP-52-120723 (4'-4.5')		EP-53-121223 (4'-4.5')		EP-54-120823 (4'-4.5')		EP-54-120823 (4'-4.5')		EP-55-120823 (4'-4.5')		EP-56-121423 (4-4.5')		EP-57-121423 (4-4.5')		EP-58-121323 (4'-4.5')		EP-59-121423 (4-4.5')		EP-62-112823 (4'-4.5')	
SAMPLING DATE				12/5/2023		12/5/2023		12/5/2023		12/7/2023		12/7/2023		12/7/2023		12/12/2023		12/8/2023		12/8/2023		12/8/2023		12/14/2023		12/14/2023		12/13/2023		12/14/2023		11/28/2023	
LAB SAMPLE ID				L2371540-11		L2371540-12		L2371540-13		L2372282-15		L2372282-16		L2372282-20		L2373251-11		L2372748-04		L2372748-04 R1		L2372748-07		L2373947-15		L2373947-10		L2373604-05		L2373947-11		L2370017-02	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1,2,2-Tetrachloroethane	79-34-5	~	mg/kg	-	-	0.00054	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00097	U	-	-
1,1,2-Trichloroethane	79-00-5	~	mg/kg	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0019	U	-	-
1,1-Dichloroethane	75-34-3	0.27	mg/kg	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0019	U	-	-
1,1-Dichloroethene	75-35-4	0.33	mg/kg	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0019	U	-	-
1,1-Dichloropropene	563-58-6	~	mg/kg	-	-	0.00054	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00097	U	-	-
1,2,3-Trichlorobenzene	87-61-6	~	mg/kg	-	-	0.0021	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0039	U	-	-
1,2,3-Trichloropropane	96-18-4	~	mg/kg	-	-	0.0021	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0039	U	-	-
1,2,4,5-Tetramethylbenzene	95-93-2	~	mg/kg	-	-	0.0021	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0039	U	-	-
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	-	-	0.0021	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0039	U	-	-
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	-	-	0.00037	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0039	U	-	-
1,2-Dibromo-3-chloropropane	96-12-8	~	mg/kg	-	-	0.0032	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0058	U	-	-
1,2-Dibromoethane	106-93-4	~	mg/kg	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0019	U	-	-
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	0.0021	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0039	U	-	-
1,2-Dichloroethane	107-06-2	0.02	mg/kg	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0019	U	-	-
1,2-Dichloroethene, Total	540-59-0	~	mg/kg	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0019	U	-	-
1,2-Dichloropropane	78-87-5	~	mg/kg	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0019	U	-	-
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	-	-	0.0021	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0039	U	-	-
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	0.0021	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0039	U	-	-
1,3-Dichloropropane	142-28-9	~	mg/kg	-	-	0.0021	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0039	U	-	-
1,3-Dichloropropene, Total	542-75-6	~	mg/kg	-	-	0.00054	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00097	U	-	-
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	0.0021	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0039	U	-	-
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	0.086	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.16	U	-	-
2,2-Dichloropropane	594-20-7	~	mg/kg	-	-	0.0021	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0039	U	-	-
2-Butanone	78-93-3	0.12	mg/kg	-	-	0.011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.019	U	-	-
2-Hexanone	591-78-6	~	mg/kg	-	-	0.011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.019	U	-	-
4-Methyl-2-pentanone	108-10-1	~	mg/kg	-	-	0.011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.019	U	-	-
Acetone	67-64-1	0.05	mg/kg	-	-	0.011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.019	U	-	-
Acrylonitrile	107-13-1	~	mg/kg	-	-	0.0043	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0078	U	-	-
Benzene	71-43-2	0.06	mg/kg	-	-	0.00054	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00097	U	-	-
Bromobenzene	108-86-1	~	mg/kg	-	-	0.0021	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0039	U	-	-
Bromochloromethane	74-97-5	~	mg/kg	-	-	0.0021	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0039	U	-	-
Bromodichloromethane	75-27-4	~	mg/kg	-	-	0.00054	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00097	U	-	-
Bromoform	75-25-2	~	mg/kg	-	-	0.0043	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0078	U	-	-
Bromomethane	74-83-9	~	mg/kg	-	-	0.0021	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0039	U	-	-
Carbon disulfide	75-15-0	~	mg/kg	-	-	0.011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.019	U	-	-
Carbon tetrachloride	56-23-5	0.76	mg/kg	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0019	U	-	-
Chlorobenzene	108-90-7	1.1	mg/kg	-	-	0.00054	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00097	U	-	-
Chloroethane	75-00-3	~	mg/kg	-	-	0.0021	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0039	U	-	-
Chloroform	67-66-3	0.37	mg/kg	-	-	0.0016	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0029	U	-	-
Chloromethane	74-87-3	~	mg/kg	-	-	0.0043	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0078	U	-	-
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0019	U	-	-
cis-1,3-Dichloropropene	10061-01-5	~	mg/kg	-	-	0.00054	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00097	U	-	-
Dibromochloromethane	124-48-1	~	mg/kg	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0019	U	-	-
Dibromomethane	74-95-3	~	mg/kg	-	-	0.0021	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0039	U	-	-
Dichlorodifluoromethane	75-71-8	~	mg/kg	-	-	0.011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.019	U	-	-
Ethyl ether	60-29-7	~	mg/kg	-	-	0.0021	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0039	U	-	-
Ethylbenzene	100-41-4	1	mg/kg	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0019	U	-	-
Hexachlorobutadiene	87-68-3	~	mg/kg	-	-	0.0043	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0078	U	-	-
Isopropylbenzene	98-82-8	~	mg/kg	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0019	U	-	-
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	-	-	0.0021	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0039	U	-	-
Methylene chloride	75-09-2	0.05	mg/kg	-	-	0.0054	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0097	U	-	-
n-Butylbenzene	104-51-8	12	mg/kg	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0019	U	-	-
n-Propylbenzene	103-65-1	3.9	mg/kg	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0019	U	-	-
Naphthalene	91-20-3	12	mg/kg	-	-	0.0043	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0078	U	-	-
o-Chlorotoluene	95-49-8	~	mg/kg	-	-	0.0021	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0039	U	-	-
o-Xylene	95-47-6	~	mg/kg	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0019	U	-	-
p-Chlorotoluene	106-43-4	~	mg/kg	-	-	0.0021	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0039	U	-	-
p-Diethylbenzene	105-05-5	~	mg/kg	-	-	0.0021	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0039	U	-	-
p-Ethyltoluene	622-96-8	~	mg/kg	-	-	0.0021	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0039	U	-	-
p-Isopropyltoluene	99-87-6	~	mg/kg	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0019	U	-	-
p/m-Xylene	179601-23-1	~	mg/kg	-	-	0.0021	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0039	U	-	-
sec-Butylbenzene	135-98-8	11	mg/kg	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0019	U	-	-
Styrene	100-42-5	~	mg/kg	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0019	U	-	-
tert-Butylbenzene	98-06-6	5.9	mg/kg	-	-	0.0021	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0039	U	-	-
Tetrachloroethene	127-18-4	1.3	mg/kg	-	-	0.00054	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00097	U	-	-
Toluene	108-88-3	0.7	mg/kg	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0019	U	-	-
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	-	-	0.0016	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0029	U	-	-
trans-1,3-Dichloropropene	10061-02-6	~	mg/kg	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0019	U	-	-
trans-1,4-Dichloro-2-butene	110-57-6	~	mg/kg	-	-	0.0054	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0097	U	-	-
Trichloroethene	79-01-6	0.47	mg/kg	-	-	0.00054	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00097	U	-	-
Trichlorofluoromethane	75-69-4	~	mg/kg	-	-	0.0043	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0078	U	-	-
Vinyl acetate	108-05-4	~	mg/kg	-	-	0.011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.019	U	-	-
Vinyl chloride	75-01-4	0.02	mg/kg	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0019	U	-	-
Xylenes, Total	1330-20-7	1.6	mg/kg	-	-	0.0011	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0019	U	-	-

* Comparison is not performed on parameters with non-numeric criteria.

NY-PG SCOs: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per

Table 3.2
Endpoint Analytical Data (4 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-62-112823 (4'-4.5')		EP-63-112823 (4'-4.5')		EP-63-112823 (4'-4.5')		EP-64-120523 (4-4.5')		EP-64-120523 (4-4.5')		EP-65-120723 (4'-4.5')		EP-66-120723 (4'-4.5')		EP-67-120723 (4'-4.5')		EP-68-112823 (4'-4.5')		EP-68-112823 (4'-4.5')		EP-69-120823 (4'-4.5')		EP-70-120823 (4'-4.5')		EP-71-120823 (4'-4.5')		EP-73-121423 (4-4.5')		EP-74-121423 (4-4.5')	
SAMPLING DATE				11/28/2023		11/28/2023		11/28/2023		12/5/2023		12/5/2023		12/7/2023		12/7/2023		12/7/2023		11/28/2023		11/28/2023		12/8/2023		12/8/2023		12/8/2023		12/14/2023		12/14/2023	
LAB SAMPLE ID				L2370017-02 R1		L2370017-05		L2370017-05 R1		L2371540-15		L2414680-01		L2372282-13		L2372282-14		L2372282-21		L2370017-01		L2370017-01 R1		L2372748-03		L2372748-08		L2372748-09		L2373947-14		L2373947-13	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																																	
Chromium, Hexavalent	18540-29-9	19	mg/kg	-	-	0.947	U	-	-	0.212	J			0.948	U	0.939	U	0.927	U	0.929	U	-	-	0.91	U	0.452	J	0.923	U	0.195	J	0.946	U
Cyanide, Total	57-12-5	40	mg/kg	-	-	-	-	-	-	-	-	0.68	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Solids, Total	NONE	~	%	-	-	84.5		-	-	84.7		84.7		84.4		85.2		86.3		86.1		-	-	87.9		77.5		86.7		87.3		84.6	
Organochlorine Pesticides by GC																																	
4,4'-DDD	72-54-8	14	mg/kg	-	-	-	-	-	-	-	-	0.00549	IP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	72-55-9	17	mg/kg	-	-	-	-	-	-	-	-	0.00181	JIP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	50-29-3	136	mg/kg	-	-	-	-	-	-	-	-	0.00186	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldrin	309-00-2	0.19	mg/kg	-	-	-	-	-	-	-	-	0.00186	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alpha-BHC	319-84-6	0.02	mg/kg	-	-	-	-	-	-	-	-	0.000774	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beta-BHC	319-85-7	0.09	mg/kg	-	-	-	-	-	-	-	-	0.00186	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane	57-74-9	~	mg/kg	-	-	-	-	-	-	-	-	0.0155	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-Chlordane	5103-71-9	2.9	mg/kg	-	-	-	-	-	-	-	-	0.00232	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Delta-BHC	319-86-8	0.25	mg/kg	-	-	-	-	-	-	-	-	0.00186	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	60-57-1	0.1	mg/kg	-	-	-	-	-	-	-	-	0.00116	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan I	959-98-8	102	mg/kg	-	-	-	-	-	-	-	-	0.00186	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan II	33213-65-9	102	mg/kg	-	-	-	-	-	-	-	-	0.00186	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	1031-07-8	1000	mg/kg	-	-	-	-	-	-	-	-	0.000774	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin	72-20-8	0.06	mg/kg	-	-	-	-	-	-	-	-	0.000774	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	7421-93-4	~	mg/kg	-	-	-	-	-	-	-	-	0.00232	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone	53494-70-5	~	mg/kg	-	-	-	-	-	-	-	-	0.00186	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	76-44-8	0.38	mg/kg	-	-	-	-	-	-	-	-	0.000928	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	1024-57-3	~	mg/kg	-	-	-	-	-	-	-	-	0.00348	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lindane	58-89-9	0.1	mg/kg	-	-	-	-	-	-	-	-	0.000774	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor	72-43-5	~	mg/kg	-	-	-	-	-	-	-	-	0.00348	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxaphene	8001-35-2	~	mg/kg	-	-	-	-	-	-	-	-	0.0348	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-Chlordane	5103-74-2	~	mg/kg	-	-	-	-	-	-	-	-	0.00388	IP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorinated Alkyl Acids by EPA 1633																																	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	~	mg/kg	-	-	-	-	-	-	-	-	0.000779	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	~	mg/kg	-	-	-	-	-	-	-	-	0.000779	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA	2991-50-6	~	mg/kg	-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOS	2355-31-9	~	mg/kg	-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	-	-	-	-	-	-	-	-	0.000779	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	-	-	-	-	-	-	-	-	0.000039	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	-	-	-	-	-	-	-	-	0.000027	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	-	-	-	-	-	-	-	-	0.000058	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	-	-	-	-	-	-	-	-	0.00039	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFOA/PFOS, Total	null	~	mg/kg	-	-	-	-	-	-	-	-	0.000058	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC																																	
Aroclor 1016	12674-11-2	3.2	mg/kg	-	-	-	-	-	-	-	-	0.0577	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1221	11104-28-2	3.2	mg/kg	-	-	-	-	-	-	-	-	0.0577	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1232	11141-16-5	3.2	mg/kg	-	-	-	-	-	-	-	-	0.0577	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1242	53469-21-9	3.2	mg/kg	-	-	-	-	-	-	-	-	0.0577	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1248	12672-29-6	3.2	mg/kg	-	-	-	-	-	-	-	-	0.0577	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1254	11097-69-1	3.2	mg/kg	-	-	-	-	-	-	-	-	0.0745		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1260	11096-82-5	3.2	mg/kg	-	-	-	-	-	-	-	-	0.0161	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1262	37324-23-5	3.2	mg/kg	-	-	-	-	-	-	-	-	0.0577	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1268	11100-14-4	3.2	mg/kg	-	-	-	-	-	-	-	-	0.00681	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs, Total	1336-36-3	3.2	mg/kg	-	-	-	-	-	-	-	-	0.0974	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semivolatile Organics by GC/MS																																	
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	-	-	0.19	U	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.18	U	0.2	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	-	-	0.19	U	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.18	U	0.2	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	0.14	J	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.18	U	0.2	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	0.19	U	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.18	U	0.2	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	0.19	U	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.18	U	0.2	U
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	0.029	U	-	-	0.14	U	-	-	0.14	U	0.14	U	0.14	U	0.028	U	-	-	0.028	U	0.031	U	0.028	U	0.028	U	0.029	U
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	-	-	0.19	U	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.18	U	0.2	U
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	-	-	0.12	U	-	-	0.57	U	-	-	0.58	U	0.58	U	0.56	U	0.11	U	-	-	0.11	U	0.12	U	0.11	U	0.11	U	0.12	U
2,4-Dichlorophenol	120-83-2	~	mg/kg	-	-	0.17	U	-	-	0.86	U	-	-	0.86	U	0.86	U	0.84	U	0.17	U	-	-	0.17	U	0.19	U	0.17	U	0.17	U	0.18	U
2,4-Dimethylphenol	105-67-9	~	mg/kg	-	-	0.19	U	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.18	U	0.2	U
2,4-Dinitrophenol	51-28-5	~	mg/kg	-	-	0.92	U	-	-	4.6	U	-	-	4.6	U	4.6	U	4.5	U	0.9	U	-	-	0.91	U	1	U	0.91	U	0.89	U	0.94	U
2,4-Dinitrotoluene	121-14-2	~	mg/kg	-	-	0.19	U	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.18	U	0.2	U
2,6-Dinitrotoluene	606-20-2	~	mg/kg	-	-	0.19	U	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.18	U	0.2	U
2-Chloronaphthalene	91-58-7	~	mg/kg	-	-	0.19	U	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.18	U	0.2	U
2-Chlorophenol	95-57-8	~	mg/kg	-	-	0.19	U	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.18	U	0.2	U
2-Methylnaphthalene	91-57-6	~	mg/kg	-	-	0.17	J	-	-	0.3	J	-	-	0.33	J	0.28	J	0.17	J	0.13	J	-	-	0.083	J	2.1		0.092	J	0.97		0.14	J
2-Methylphenol	95-48-7	0.33	mg/kg	-	-	0.19	U	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.18	U	0.2	U

Table 3.2
Endpoint Analytical Data (4 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-62-112823 (4'-4.5')		EP-63-112823 (4'-4.5')		EP-63-112823 (4'-4.5')		EP-64-120523 (4-4.5')		EP-64-120523 (4-4.5')		EP-65-120723 (4'-4.5')		EP-66-120723 (4'-4.5')		EP-67-120723 (4'-4.5')		EP-68-112823 (4'-4.5')		EP-68-112823 (4'-4.5')		EP-69-120823 (4'-4.5')		EP-70-120823 (4'-4.5')		EP-71-120823 (4'-4.5')		EP-73-121423 (4-4.5')		EP-74-121423 (4-4.5')	
SAMPLING DATE				11/28/2023		11/28/2023		11/28/2023		12/5/2023		12/5/2023		12/7/2023		12/7/2023		12/7/2023		11/28/2023		11/28/2023		12/8/2023		12/8/2023		12/8/2023		12/14/2023		12/14/2023	
LAB SAMPLE ID				L2370017-02 R1		L2370017-05		L2370017-05 R1		L2371540-15		L2414680-01		L2372282-13		L2372282-14		L2372282-21		L2370017-01		L2370017-01 R1		L2372748-03		L2372748-08		L2372748-09		L2373947-14		L2373947-13	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Nitroaniline	88-74-4	~	mg/kg	-	-	0.19	U	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.18	U	0.2	U
2-Nitrophenol	88-75-5	~	mg/kg	-	-	0.41	U	-	-	2.1	U	-	-	2.1	U	2.1	U	2	U	0.41	U	-	-	0.41	U	0.45	U	0.41	U	0.4	U	0.42	U
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	-	-	0.19	U	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.18	U	0.2	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44	0.33	mg/kg	-	-	0.055	J	-	-	1.4	U	-	-	1.4	U	1.4	U	1.4	U	0.27	U	-	-	0.27	U	0.3	U	0.036	J	0.083	J	0.036	J
3-Nitroaniline	99-09-2	~	mg/kg	-	-	0.19	U	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.18	U	0.2	U
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	-	-	0.5	U	-	-	2.5	U	-	-	2.5	U	2.5	U	2.4	U	0.49	U	-	-	0.49	U	0.54	U	0.5	U	0.48	U	0.51	U
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	-	-	0.19	U	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.18	U	0.2	U
4-Chloroaniline	106-47-8	~	mg/kg	-	-	0.19	U	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.18	U	0.2	U
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	-	-	0.19	U	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.18	U	0.2	U
4-Nitroaniline	100-01-6	~	mg/kg	-	-	0.19	U	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.18	U	0.2	U
4-Nitrophenol	100-02-7	~	mg/kg	-	-	0.27	U	-	-	1.3	U	-	-	1.3	U	1.3	U	1.3	U	0.26	U	-	-	0.26	U	0.29	U	0.27	U	0.26	U	0.27	U
Acenaphthene	83-32-9	98	mg/kg	-	-	0.38		-	-	0.5	J	-	-	0.73	J	0.66	J	0.64	J	0.74		-	-	0.19		1.1		0.14	J	1.4		0.17	
Acenaphthylene	208-96-8	107	mg/kg	-	-	0.46		-	-	0.67	J	-	-	0.55	J	0.79		0.75	U	0.16		-	-	0.16		1		0.27		0.42		0.15	J
Acetophenone	98-86-2	~	mg/kg	-	-	0.19	U	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.03	J	0.2	U
Anthracene	120-12-7	1000	mg/kg	-	-	1.3		-	-	1.8		-	-	1.7		2.3		2		1.9		-	-	0.59		1.6		0.51		3.2		0.58	
Benzo(a)anthracene	56-55-3	1	mg/kg	-	-	**3.8**		-	-	**5.3**		-	-	**4**		**5.5**		**3.7**		**5.4**		-	-	**1.3**		**3.5**		**1.2**		**5.2**		**2**	
Benzo(a)pyrene	50-32-8	22	mg/kg	-	-	4.3		-	-	5.3		-	-	4.2		5.7		3.5		5.7		-	-	1.3		4.8		1.3		4.4		2.1	
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	-	-	**4.3**		-	-	**5.5**		-	-	**4.2**		**6.3**		**3.8**		**7**		-	-	1.5		**4.6**		1.4		**5.1**		**2.5**	
Benzo(ghi)perylene	191-24-2	1000	mg/kg	-	-	2.5		-	-	3.2		-	-	2.3		3		1.8		3.5		-	-	0.84		3.2		0.75		2.6		1.2	
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	-	-	1.6		-	-	**2.3**		-	-	1.5		**1.8**		1.1		1.6		-	-	0.41		1.2		0.52		1.3		0.73	
Benzoic Acid	65-85-0	~	mg/kg	-	-	0.62	U	-	-	3.1	U	-	-	3.1	U	3.1	U	3	U	0.61	U	-	-	0.61	U	0.68	U	0.62	U	0.6	U	0.63	U
Benzyl Alcohol	100-51-6	~	mg/kg	-	-	0.19	U	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.18	U	0.2	U
Biphenyl	92-52-4	~	mg/kg	-	-	0.062	J	-	-	2.2	U	-	-	2.2	U	2.2	U	2.1	U	0.044	J	-	-	0.029	J	0.33	J	0.036	J	0.28	J	0.034	J
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	-	-	0.21	U	-	-	1	U	-	-	1	U	1	U	1	U	0.2	U	-	-	0.2	U	0.22	U	0.2	U	0.2	U	0.21	U
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	-	-	0.17	U	-	-	0.86	U	-	-	0.86	U	0.86	U	0.84	U	0.17	U	-	-	0.17	U	0.19	U	0.17	U	0.17	U	0.18	U
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	-	-	0.23	U	-	-	1.1	U	-	-	1.2	U	1.2	U	1.1	U	0.22	U	-	-	0.23	U	0.25	U	0.23	U	0.22	U	0.23	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	-	-	0.19	U	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.18	U	0.2	U
Butyl benzyl phthalate	85-68-7	~	mg/kg	-	-	0.19	U	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.18	U	0.2	U
Carbazole	86-74-8	~	mg/kg	-	-	0.37		-	-	0.72	J	-	-	0.44	J	0.76	J	0.5	J	0.76		-	-	0.21		0.52		0.15	J	0.88		0.24	
Chrysene	218-01-9	1	mg/kg	-	-	**3.6**		-	-	**5.2**		-	-	**3.9**		**5.3**		**3.3**		**4.9**		-	-	**1.2**		**3.2**		**1.2**		**4.9**		**2**	
Di-n-butylphthalate	84-74-2	~	mg/kg	-	-	0.19	U	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.18	U	0.2	U
Di-n-octylphthalate	117-84-0	~	mg/kg	-	-	0.19	U	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.18	U	0.2	U
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	-	-	0.47		-	-	0.83		-	-	0.44	J	0.61		0.35	J	0.72		-	-	0.19		0.67		0.19		0.62		0.33	
Dibenzofuran	132-64-9	210	mg/kg	-	-	0.26		-	-	0.43	J	-	-	0.44	J	0.54	J	0.37	J	0.3		-	-	0.14	J	0.78		0.14	J	1.1		0.11	J
Diethyl phthalate	84-66-2	~	mg/kg	-	-	0.19	U	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.18	U	0.2	U
Dimethyl phthalate	131-11-3	~	mg/kg	-	-	0.19	U	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.18	U	0.2	U
Fluoranthene	206-44-0	1000	mg/kg	11		7.9	E	7.2		12		-	-	8.5		12		8.5		12	E	13		3.2		7		2.6		9.3	E	3.9	
Fluorene	86-73-7	386	mg/kg	-	-	0.4		-	-	0.61	J	-	-	0.72	J	0.83	J	0.75	J	0.67		-	-	0.23		1.2		0.2		1.8		0.17	J
Hexachlorobenzene	118-74-1	3.2	mg/kg	-	-	0.12	U	-	-	0.57	U	-	-	0.58	U	0.58	U	0.56	U	0.11	U	-	-	0.11	U	0.12	U	0.11	U	0.11	U	0.12	U
Hexachlorobutadiene	87-68-3	~	mg/kg	-	-	0.19	U	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.18	U	0.2	U
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	-	-	0.55	U	-	-	2.7	U	-	-	2.8	U	2.8	U	2.7	U	0.54	U	-	-	0.54	U	0.6	U	0.54	U	0.53	U	0.56	U
Hexachloroethane	67-72-1	~	mg/kg	-	-	0.15	U	-	-	0.76	U	-	-	0.77	U	0.77	U	0.75	U	0.15	U	-	-	0.15	U	0.17	U	0.15	U	0.15	U	0.16	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	-	-	2.2		-	-	2.8		-	-	2.2		3.1		1.6		3.1		-	-	0.73		2.4		0.68		3		1.1	
Isophorone	78-59-1	~	mg/kg	-	-	0.17	U	-	-	0.86	U	-	-	0.86	U	0.86	U	0.84	U	0.17	U	-	-	0.17	U	0.19	U	0.17	U	0.17	U	0.18	U
n-Nitrosodi-n-propylamine	621-64-7	~	mg/kg	-	-	0.19	U	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.18	U	0.2	U
Naphthalene	91-20-3	12	mg/kg	-	-	0.35		-	-	0.56	J	-	-	0.56	J	0.56	J	0.24	J	0.24		-	-	0.13	J	5.4		0.23		1.8		0.22	
NDPA/DPA	86-30-6	~	mg/kg	-	-	0.15	U	-	-	0.76	U	-	-	0.77	U	0.77	U	0.75	U	0.15	U	-	-	0.15	U	0.17	U	0.15	U	0.15	U	0.16	U
Nitrobenzene	98-95-3	~	mg/kg	-	-	0.17	U	-	-	0.86	U	-	-	0.86	U	0.86	U	0.84	U	0.17	U	-	-	0.17	U	0.19	U	0.17	U	0.17	U	0.18	U
p-Chloro-m-cresol	59-50-7	~	mg/kg	-	-	0.19	U	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.18	U	0.2	U
Pentachlorophenol	87-86-5	0.8	mg/kg	-	-	0.15	U	-	-	0.76	U	-	-	0.77	U	0.77	U	0.75	U	0.15	U	-	-	0.15	U	0.17	U	0.15	U	0.15	U	0.16	U
Phenanthrene	85-01-8	1000	mg/kg	-	-	4.6		-	-	7.7		-	-	6.4		8.1		7.2		7.8	E	8.7		2.1		6		1.6		10	E	2.4	
Phenol	108-95-2	0.33	mg/kg	-	-	0.033	J	-	-	0.96	U	-	-	0.96	U	0.96	U	0.94	U	0.19	U	-	-	0.19	U	0.21	U	0.19	U	0.056	J	0.2	U
Pyrene	129-00-0	1000	mg/kg	10		7.4		-	-	11		-	-	8.6		11		7.3		10	E	11		2.8		8		2.3		8.9	E	3.4	
Total Metals																																	
Aluminum, Total	7429-90-5	~	mg/kg	-	-	-	-	-	-	-	-	4550		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony, Total	7440-36-0	~	mg/kg	-	-	-	-	-	-	-	-	4.45	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic, Total	7440-38-2	16	mg/kg	-	-	**17.9**		-	-	**24.2**		-	-	**19**		**18.1**		7.76		12.9		-	-	4.51		10.9		5.05		6.23		9.39	
Barium, Total	7440-39-3	820	mg/kg	-	-	-	-	-	-	-	-	172		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium, Total	7440-41-7	47	mg/kg	-	-	-	-	-	-	-	-	0.516	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium, Total	7440-43-9	7.5	mg/kg	-	-	-	-	-	-	-	-	1.06	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium, Total	7440-70-2	~	mg/kg	-	-	-	-	-	-	-	-	15700		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium, Total	7440-47-3	~	mg/kg	-	-	-	-	-	-	-	-	22.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt, Total	7440-48-4	~	mg/kg	-	-	-	-	-	-	-	-	11		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper, Total	7440-50-8	1720	mg/kg	-	-	-	-	-	-	-	-	345		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron, Total	7439-89-6	~	mg/kg	-	-	-	-	-	-	-	-	36500		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead, Total	7439-92-1	450	mg/kg	-	-	-	-	-	-	-	-	428		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium, Total	7439-95-4	~	mg/kg	-	-	-	-	-	-	-	-	4150		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese, Total	7439-96-5	2000	mg/kg	-	-	-	-	-	-	-	-	270		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury, Total	7439-97-6	0.73	mg/kg	-	-	-	-	-	-	-	-	**0.939**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel, Total	7440-02-0	130	mg/kg	-	-	-	-	-	-	-	-	35.6		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium, Total	7440-09-7	~	mg/kg	-	-	-	-	-	-	-	-	858		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium, Total	7782-49-2	4	mg/kg	-	-	-	-	-	-	-	-	1.29	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver, Total	7440-22-4	8.3	mg/kg	-	-	-	-	-	-	-	-	0.814	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium, Total	7440-23-5	~	mg/kg	-	-	-	-	-	-	-	-	174	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium, Total	7440-28-0	~	mg/kg	-	-	-	-	-	-	-	-	4.71	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium, Total	7440-62-2	~	mg/kg	-	-	-	-	-	-	-	-	20.2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc, Total	7440-66-6	2480	mg/kg	-	-	-	-	-	-	-	-	646		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organics by EPA 5035																																	
1,1,1,2-Tetrachloroethane	630-20-6	~	mg/kg	-	-	-	-	-	-	-	-	0.00073	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	-	-	-	-	-	-	-	-	0.00073	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 3.2
Endpoint Analytical Data (4 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-62-112823 (4'-4.5')		EP-63-112823 (4'-4.5')		EP-63-112823 (4'-4.5')		EP-64-120523 (4-4.5')		EP-64-120523 (4-4.5')		EP-65-120723 (4'-4.5')		EP-66-120723 (4'-4.5')		EP-67-120723 (4'-4.5')		EP-68-112823 (4'-4.5')		EP-68-112823 (4'-4.5')		EP-69-120823 (4'-4.5')		EP-70-120823 (4'-4.5')		EP-71-120823 (4'-4.5')		EP-73-121423 (4-4.5')		EP-74-121423 (4-4.5')	
SAMPLING DATE				11/28/2023		11/28/2023		11/28/2023		12/5/2023		12/5/2023		12/7/2023		12/7/2023		12/7/2023		11/28/2023		11/28/2023		12/8/2023		12/8/2023		12/8/2023		12/14/2023		12/14/2023	
LAB SAMPLE ID				L2370017-02 R1		L2370017-05		L2370017-05 R1		L2371540-15		L2414680-01		L2372282-13		L2372282-14		L2372282-21		L2370017-01		L2370017-01 R1		L2372748-03		L2372748-08		L2372748-09		L2373947-14		L2373947-13	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1,2,2-Tetrachloroethane	79-34-5	~	mg/kg	-	-	-	-	-	-	-	-	0.00073	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	79-00-5	~	mg/kg	-	-	-	-	-	-	-	-	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	75-34-3	0.27	mg/kg	-	-	-	-	-	-	-	-	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	75-35-4	0.33	mg/kg	-	-	-	-	-	-	-	-	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropene	563-58-6	~	mg/kg	-	-	-	-	-	-	-	-	0.00073	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	87-61-6	~	mg/kg	-	-	-	-	-	-	-	-	0.0029	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	96-18-4	~	mg/kg	-	-	-	-	-	-	-	-	0.0029	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene	95-93-2	~	mg/kg	-	-	-	-	-	-	-	-	0.0029	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	-	-	-	-	-	-	-	-	0.0029	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	-	-	-	-	-	-	-	-	0.0029	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane	96-12-8	~	mg/kg	-	-	-	-	-	-	-	-	0.0044	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane	106-93-4	~	mg/kg	-	-	-	-	-	-	-	-	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	-	-	-	-	-	-	0.0029	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	107-06-2	0.02	mg/kg	-	-	-	-	-	-	-	-	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene, Total	540-59-0	~	mg/kg	-	-	-	-	-	-	-	-	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	78-87-5	~	mg/kg	-	-	-	-	-	-	-	-	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	-	-	-	-	-	-	-	-	0.0029	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	-	-	-	-	-	-	0.0029	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropane	142-28-9	~	mg/kg	-	-	-	-	-	-	-	-	0.0029	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropene, Total	542-75-6	~	mg/kg	-	-	-	-	-	-	-	-	0.00073	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	-	-	-	-	-	-	0.0029	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	-	-	-	-	-	-	0.12	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	594-20-7	~	mg/kg	-	-	-	-	-	-	-	-	0.0029	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone	78-93-3	0.12	mg/kg	-	-	-	-	-	-	-	-	0.015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	591-78-6	~	mg/kg	-	-	-	-	-	-	-	-	0.015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	108-10-1	~	mg/kg	-	-	-	-	-	-	-	-	0.015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	67-64-1	0.05	mg/kg	-	-	-	-	-	-	-	-	0.015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile	107-13-1	~	mg/kg	-	-	-	-	-	-	-	-	0.0059	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	71-43-2	0.06	mg/kg	-	-	-	-	-	-	-	-	0.00073	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene	108-86-1	~	mg/kg	-	-	-	-	-	-	-	-	0.0029	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromochloromethane	74-97-5	~	mg/kg	-	-	-	-	-	-	-	-	0.0029	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	75-27-4	~	mg/kg	-	-	-	-	-	-	-	-	0.00073	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	75-25-2	~	mg/kg	-	-	-	-	-	-	-	-	0.0059	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromomethane	74-83-9	~	mg/kg	-	-	-	-	-	-	-	-	0.0029	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	75-15-0	~	mg/kg	-	-	-	-	-	-	-	-	0.015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	56-23-5	0.76	mg/kg	-	-	-	-	-	-	-	-	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	108-90-7	1.1	mg/kg	-	-	-	-	-	-	-	-	0.00073	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	75-00-3	~	mg/kg	-	-	-	-	-	-	-	-	0.0029	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	67-66-3	0.37	mg/kg	-	-	-	-	-	-	-	-	0.0022	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloromethane	74-87-3	~	mg/kg	-	-	-	-	-	-	-	-	0.0059	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	-	-	-	-	-	-	-	-	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	10061-01-5	~	mg/kg	-	-	-	-	-	-	-	-	0.00073	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	124-48-1	~	mg/kg	-	-	-	-	-	-	-	-	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane	74-95-3	~	mg/kg	-	-	-	-	-	-	-	-	0.0029	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane	75-71-8	~	mg/kg	-	-	-	-	-	-	-	-	0.015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl ether	60-29-7	~	mg/kg	-	-	-	-	-	-	-	-	0.0029	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	100-41-4	1	mg/kg	-	-	-	-	-	-	-	-	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	87-68-3	~	mg/kg	-	-	-	-	-	-	-	-	0.0059	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene	98-82-8	~	mg/kg	-	-	-	-	-	-	-	-	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	-	-	-	-	-	-	-	-	0.0029	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	75-09-2	0.05	mg/kg	-	-	-	-	-	-	-	-	0.0073	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene	104-51-8	12	mg/kg	-	-	-	-	-	-	-	-	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	103-65-1	3.9	mg/kg	-	-	-	-	-	-	-	-	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	91-20-3	12	mg/kg	-	-	-	-	-	-	-	-	0.0018	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Chlorotoluene	95-49-8	~	mg/kg	-	-	-	-	-	-	-	-	0.0029	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	95-47-6	~	mg/kg	-	-	-	-	-	-	-	-	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Chlorotoluene	106-43-4	~	mg/kg	-	-	-	-	-	-	-	-	0.0029	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Diethylbenzene	105-05-5	~	mg/kg	-	-	-	-	-	-	-	-	0.0029	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Ethyltoluene	622-96-8	~	mg/kg	-	-	-	-	-	-	-	-	0.0029	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Isopropyltoluene	99-87-6	~	mg/kg	-	-	-	-	-	-	-	-	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p/m-Xylene	179601-23-1	~	mg/kg	-	-	-	-	-	-	-	-	0.0029	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	135-98-8	11	mg/kg	-	-	-	-	-	-	-	-	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	100-42-5	~	mg/kg	-	-	-	-	-	-	-	-	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	98-06-6	5.9	mg/kg	-	-	-	-	-	-	-	-	0.0029	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	127-18-4	1.3	mg/kg	-	-	-	-	-	-	-	-	0.00073	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	108-88-3	0.7	mg/kg	-	-	-	-	-	-	-	-	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	-	-	-	-	-	-	-	-	0.0022	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	10061-02-6	~	mg/kg	-	-	-	-	-	-	-	-	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	110-57-6	~	mg/kg	-	-	-	-	-	-	-	-	0.0073	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	79-01-6	0.47	mg/kg	-	-	-	-	-	-	-	-	0.00073	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane	75-69-4	~	mg/kg	-	-	-	-	-	-	-	-	0.0059	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl acetate	108-05-4	~	mg/kg	-	-	-	-	-	-	-	-	0.015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	75-01-4	0.02	mg/kg	-	-	-	-	-	-	-	-	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes, Total	1330-20-7	1.6	mg/kg	-	-	-	-	-	-	-	-	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* Comparison is not performed on parameters with non-numeric criteria.

NY-PG SCOs: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per

Table 3.2
Endpoint Analytical Data (4 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-78-120723 (4'-4.5')		EP-79-120723 (4'-4.5')		EP-80-120723 (4'-4.5')		EP-81-120723 (4'-4.5')		EP-82-120723 (4'-4.5')		EP-83-120823 (4'-4.5')		EP-83-120823 (4'-4.5')		EP-84-120823 (4'-4.5')		EP-84-120823 (4'-4.5')		EP-87-121423 (4-4.5')		EP-87-121423 (4-4.5')		EP-88-121423 (4-4.5')		EP-88-121423 (4-4.5')		EP-91-112823 (4'-4.5')		EP-92-112823 (4'-4.5')	
SAMPLING DATE				12/7/2023		12/7/2023		12/7/2023		12/7/2023		12/7/2023		12/8/2023		12/8/2023		12/8/2023		12/8/2023		12/14/2023		12/14/2023		12/14/2023		12/14/2023		11/28/2023		11/28/2023	
LAB SAMPLE ID				L2372282-04		L2372282-05		L2372282-07		L2372282-08		L2372282-22		L2372748-01		L2372748-01 R1		L2372748-02		L2372748-02 R1		L2373947-05		L2373947-05 R1		L2373947-06		L2373947-06 R1		L2370017-04		L2370017-03	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																															
Chromium, Hexavalent	18540-29-9	19	mg/kg	0.93	U	0.924	U	0.985	U	0.977	U	1.05	U	0.873	J	-	-	0.296	J	-	-	0.954	U	-	-	0.929	U	-	-	0.215	J	0.918	U
Cyanide, Total	57-12-5	40	mg/kg	-	-	-	-	1.2	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Solids, Total	NONE	~	%	86		86.6		81.2		81.9		76		79		-	-	77.7		-	-	83.9		-	-	86.1		-	-	79.2		87.1	
Organochlorine Pesticides by GC																															
4,4'-DDD	72-54-8	14	mg/kg	-	-	-	-	0.00186	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	72-55-9	17	mg/kg	-	-	-	-	0.00186	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	50-29-3	136	mg/kg	-	-	-	-	0.00186	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldrin	309-00-2	0.19	mg/kg	-	-	-	-	0.00186	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alpha-BHC	319-84-6	0.02	mg/kg	-	-	-	-	0.000776	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beta-BHC	319-85-7	0.09	mg/kg	-	-	-	-	0.00186	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane	57-74-9	~	mg/kg	-	-	-	-	0.0155	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-Chlordane	5103-71-9	2.9	mg/kg	-	-	-	-	0.00233	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Delta-BHC	319-86-8	0.25	mg/kg	-	-	-	-	0.00186	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	60-57-1	0.1	mg/kg	-	-	-	-	0.00116	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan I	959-98-8	102	mg/kg	-	-	-	-	0.00186	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan II	33213-65-9	102	mg/kg	-	-	-	-	0.00186	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	1031-07-8	1000	mg/kg	-	-	-	-	0.000776	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin	72-20-8	0.06	mg/kg	-	-	-	-	0.000776	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	7421-93-4	~	mg/kg	-	-	-	-	0.00233	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone	53494-70-5	~	mg/kg	-	-	-	-	0.00186	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	76-44-8	0.38	mg/kg	-	-	-	-	0.000932	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	1024-57-3	~	mg/kg	-	-	-	-	0.00349	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lindane	58-89-9	0.1	mg/kg	-	-	-	-	0.000776	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor	72-43-5	~	mg/kg	-	-	-	-	0.00349	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxaphene	8001-35-2	~	mg/kg	-	-	-	-	0.0349	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-Chlordane	5103-74-2	~	mg/kg	-	-	-	-	0.00233	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorinated Alkyl Acids by EPA 1633																															
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	~	mg/kg	-	-	-	-	0.000749	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	~	mg/kg	-	-	-	-	0.000749	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA	2991-50-6	~	mg/kg	-	-	-	-	0.000187	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOS	2355-31-9	~	mg/kg	-	-	-	-	0.000187	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	-	-	-	-	0.000187	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	-	-	-	-	0.000749	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	-	-	-	-	0.000187	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	-	-	-	-	0.000187	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	-	-	-	-	0.000187	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	-	-	-	-	0.000187	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	-	-	-	-	0.000187	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	-	-	-	-	0.000187	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	-	-	-	-	0.000187	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	-	-	-	-	0.000187	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	-	-	-	-	0.000187	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	-	-	-	-	0.000187	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	-	-	-	-	0.000187	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	-	-	-	-	0.000374	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	-	-	-	-	0.000187	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	-	-	-	-	0.000187	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	-	-	-	-	0.000187	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFOA/PFOS, Total	null	~	mg/kg	-	-	-	-	0.000187	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC																															
Aroclor 1016	12674-11-2	3.2	mg/kg	-	-	-	-	0.0566	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1221	11104-28-2	3.2	mg/kg	-	-	-	-	0.0566	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1232	11141-16-5	3.2	mg/kg	-	-	-	-	0.0566	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1242	53469-21-9	3.2	mg/kg	-	-	-	-	0.0566	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1248	12672-29-6	3.2	mg/kg	-	-	-	-	0.0566	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1254	11097-69-1	3.2	mg/kg	-	-	-	-	0.0566	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1260	11096-82-5	3.2	mg/kg	-	-	-	-	0.0566	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1262	37324-23-5	3.2	mg/kg	-	-	-	-	0.0566	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1268	11100-14-4	3.2	mg/kg	-	-	-	-	0.0566	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs, Total	1336-36-3	3.2	mg/kg	-	-	-	-	0.0566	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semivolatile Organics by GC/MS																															
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	0.94	U	0.94	U	0.2	U	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	0.19	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.94	U	0.94	U	-	-	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	0.19	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.94	U	0.94	U	-	-	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	0.19	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.94	U	0.94	U	-	-	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	0.19	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.94	U	0.94	U	-	-	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	0.19	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.14	U	0.14	U	0.03	U	0.15	U	0.16	U	0.031	U	-	-	0.032	U	-	-	0.029	U	-	-	0.029	U	-	-	0.031	U	0.028	U
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	0.94	U	0.94	U	0.2	U	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	0.19	U
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	0.57	U	0.57	U	0.12	U	0.6	U	0.64	U	0.12	U	-	-	0.13	U	-	-	0.12	U	-	-	0.12	U	-	-	0.12	U	0.11	U
2,4-Dichlorophenol	120-83-2	~	mg/kg	0.85	U	0.85	U	0.18	U	0.9	U	0.96	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-	0.17	U	-	-	0.18	U	0.17	U
2,4-Dimethylphenol	105-67-9	~	mg/kg	0.94	U	0.94	U	0.2	U	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	0.19	U
2,4-Dinitrophenol	51-28-5	~	mg/kg	4.5	U	4.5	U	0.96	U	4.8	U	5.1	U	1	U	-	-	1	U	-	-	0.94	U	-	-	0.92	U	-	-	0.98	U	0.91	U
2,4-Dinitrotoluene	121-14-2	~	mg/kg	0.94	U	0.94	U	0.2	U	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	0.19	U
2,6-Dinitrotoluene	606-20-2	~	mg/kg	0.94	U	0.94	U	0.2	U	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	0.19	U
2-Chloronaphthalene	91-58-7	~	mg/kg	0.94	U	0.94	U	0.2	U	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	0.19	U
2-Chlorophenol	95-57-8	~	mg/kg	0.94	U	0.94	U	0.2	U	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	0.19	U
2-Methylnaphthalene	91-57-6	~	mg/kg	0.21	J	1.3		0.24	U	0.46	J	0.82	J	0.33		-	-	3.4		-	-	0.26		-	-	1		-	-	0.05	J	0.24	
2-Methylphenol	95-48-7	0.33	mg/kg	0.94	U	0.94	U	0.2	U	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.036	J	-	-	0.2	U	0.19	U

Table 3.2
Endpoint Analytical Data (4 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-78-120723 (4'-4.5')		EP-79-120723 (4'-4.5')		EP-80-120723 (4'-4.5')		EP-81-120723 (4'-4.5')		EP-82-120723 (4'-4.5')		EP-83-120823 (4'-4.5')		EP-83-120823 (4'-4.5')		EP-84-120823 (4'-4.5')		EP-84-120823 (4'-4.5')		EP-87-121423 (4-4.5')		EP-87-121423 (4-4.5')		EP-88-121423 (4-4.5')		EP-88-121423 (4-4.5')		EP-91-112823 (4'-4.5')		EP-92-112823 (4'-4.5')	
SAMPLING DATE				12/7/2023		12/7/2023		12/7/2023		12/7/2023		12/7/2023		12/8/2023		12/8/2023		12/8/2023		12/8/2023		12/14/2023		12/14/2023		12/14/2023		12/14/2023		11/28/2023		11/28/2023	
LAB SAMPLE ID				L2372282-04		L2372282-05		L2372282-07		L2372282-08		L2372282-22		L2372748-01		L2372748-01 R1		L2372748-02		L2372748-02 R1		L2373947-05		L2373947-05 R1		L2373947-06		L2373947-06 R1		L2370017-04		L2370017-03	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Nitroaniline	88-74-4	~	mg/kg	0.94	U	0.94	U	0.2	U	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	0.19	U
2-Nitrophenol	88-75-5	~	mg/kg	2	U	2	U	0.43	U	2.2	U	2.3	U	0.45	U	-	-	0.46	U	-	-	0.42	U	-	-	0.42	U	-	-	0.44	U	0.41	U
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	0.94	U	0.94	U	0.2	U	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	0.19	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44	0.33	mg/kg	1.4	U	1.4	U	0.29	U	1.4	U	1.5	U	0.083	J	-	-	0.056	J	-	-	0.038	J	-	-	0.14	J	-	-	0.29	U	0.037	J
3-Nitroaniline	99-09-2	~	mg/kg	0.94	U	0.94	U	0.2	U	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	0.19	U
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	2.4	U	2.4	U	0.52	U	2.6	U	2.8	U	0.54	U	-	-	0.55	U	-	-	0.51	U	-	-	0.5	U	-	-	0.53	U	0.49	U
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	0.94	U	0.94	U	0.2	U	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	0.19	U
4-Chloroaniline	106-47-8	~	mg/kg	0.94	U	0.94	U	0.2	U	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	0.19	U
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	0.94	U	0.94	U	0.2	U	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	0.19	U
4-Nitroaniline	100-01-6	~	mg/kg	0.94	U	0.94	U	0.2	U	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	0.19	U
4-Nitrophenol	100-02-7	~	mg/kg	1.3	U	1.3	U	0.28	U	1.4	U	1.5	U	0.29	U	-	-	0.29	U	-	-	0.27	U	-	-	0.27	U	-	-	0.29	U	0.26	U
Acenaphthene	83-32-9	98	mg/kg	0.6	J	2.4		0.16	U	0.76	J	0.64	J	0.59		-	-	0.89		-	-	0.66		-	-	1.3		-	-	0.17		0.98	
Acenaphthylene	208-96-8	107	mg/kg	0.45	J	0.74	J	0.16	U	0.56	J	0.61	J	1.5		-	-	3.1		-	-	0.26		-	-	0.36		-	-	0.16		0.65	
Acetophenone	98-86-2	~	mg/kg	0.94	U	0.94	U	0.2	U	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	0.19	U
Anthracene	120-12-7	1000	mg/kg	1.8		5.1		0.054	J	2		1.8		1.3		-	-	3.6		-	-	2		-	-	3		-	-	0.54		2.8	
Benzo(a)anthracene	56-55-3	1	mg/kg	**4.1**		**9.6**		0.27		**4.6**		**3.8**		**8**		-	-	**7.5**		-	-	**3.8**		-	-	**4.8**		-	-	**1.4**		**6.7**	
Benzo(a)pyrene	50-32-8	22	mg/kg	4.5		11		0.27		4.4		3.8		11	E	10		6.6		-	-	3.4		-	-	3.9		-	-	1.5		7.2	
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	**4.9**		**13**		0.32		**4.6**		**4.2**		**8.4**		-	-	**5.6**		-	-	**3.9**		-	-	**4.4**		-	-	**1.7**		**7.8**	E
Benzo(ghi)perylene	191-24-2	1000	mg/kg	2.4		5.8		0.13	J	2.4		2		8		-	-	3.6		-	-	1.8		-	-	2.2		-	-	0.9		4.2	
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	**1.8**		**3.6**		0.094	J	**1.9**		1.2		**2.2**		-	-	**1.8**		-	-	1.3		-	-	1.3		-	-	**0.45**		**2.5**	
Benzoic Acid	65-85-0	~	mg/kg	3.1	U	3.1	U	0.65	U	3.2	U	3.4	U	0.68	U	-	-	0.68	U	-	-	0.63	U	-	-	0.62	U	-	-	0.66	U	0.61	U
Benzyl Alcohol	100-51-6	~	mg/kg	0.94	U	0.94	U	0.2	U	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	0.19	U
Biphenyl	92-52-4	~	mg/kg	2.2	U	0.26	J	0.46	U	2.3	U	0.23	J	0.11	J	-	-	0.38	J	-	-	0.07	J	-	-	0.25	J	-	-	0.47	U	0.096	J
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	1	U	1	U	0.22	U	1.1	U	1.2	U	0.22	U	-	-	0.23	U	-	-	0.21	U	-	-	0.21	U	-	-	0.22	U	0.2	U
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	0.85	U	0.85	U	0.18	U	0.9	U	0.96	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-	0.17	U	-	-	0.18	U	0.17	U
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	1.1	U	1.1	U	0.24	U	1.2	U	1.3	U	0.25	U	-	-	0.25	U	-	-	0.23	U	-	-	0.23	U	-	-	0.24	U	0.23	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	0.94	U	0.94	U	0.2	U	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	0.19	U
Butyl benzyl phthalate	85-68-7	~	mg/kg	0.94	U	0.94	U	0.2	U	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	0.19	U
Carbazole	86-74-8	~	mg/kg	0.57	J	2.4		0.021	J	0.59	J	0.84	J	0.42		-	-	0.58		-	-	0.56		-	-	1.2		-	-	0.19	J	0.75	
Chrysene	218-01-9	1	mg/kg	**3.9**		**9**		0.24		**4.9**		**3.8**		**6.8**		-	-	**7.6**		-	-	**3.6**		-	-	**4.5**		-	-	**1.3**		**6.3**	
Di-n-butylphthalate	84-74-2	~	mg/kg	0.94	U	0.94	U	0.2	U	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	0.19	U
Di-n-octylphthalate	117-84-0	~	mg/kg	0.94	U	0.94	U	0.2	U	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	0.19	U
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	0.56	J	1.3		0.03	J	0.63		0.44	J	1.2		-	-	0.71		-	-	0.4		-	-	0.56		-	-	0.19		1.7	
Dibenzofuran	132-64-9	210	mg/kg	0.44	J	1.3		0.2	U	0.57	J	0.83	J	0.37		-	-	0.58		-	-	0.48		-	-	1.1		-	-	0.1	J	0.68	
Diethyl phthalate	84-66-2	~	mg/kg	0.94	U	0.94	U	0.2	U	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	0.19	U
Dimethyl phthalate	131-11-3	~	mg/kg	0.94	U	0.94	U	0.2	U	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	0.19	U
Fluoranthene	206-44-0	1000	mg/kg	8.9		23		0.49		9.6		8.2		14	E	13		13	E	12		7.9	E	8.4		9	E	11		3		15	E
Fluorene	86-73-7	386	mg/kg	0.62	J	2		0.2	U	1		0.89	J	0.58		-	-	2.1		-	-	0.81		-	-	1.7		-	-	0.18	J	1	
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.57	U	0.57	U	0.12	U	0.6	U	0.64	U	0.12	U	-	-	0.13	U	-	-	0.12	U	-	-	0.12	U	-	-	0.12	U	0.11	U
Hexachlorobutadiene	87-68-3	~	mg/kg	0.94	U	0.94	U	0.2	U	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	0.19	U
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	2.7	U	2.7	U	0.57	U	2.9	U	3	U	0.6	U	-	-	0.6	U	-	-	0.56	U	-	-	0.55	U	-	-	0.58	U	0.54	U
Hexachloroethane	67-72-1	~	mg/kg	0.76	U	0.76	U	0.16	U	0.8	U	0.85	U	0.17	U	-	-	0.17	U	-	-	0.16	U	-	-	0.15	U	-	-	0.16	U	0.15	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	2.7		6.2		0.13	J	2.7		1.7		5.2		-	-	3		-	-	2		-	-	2.5		-	-	0.75		3.9	
Isophorone	78-59-1	~	mg/kg	0.85	U	0.85	U	0.18	U	0.9	U	0.96	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-	0.17	U	-	-	0.18	U	0.17	U
n-Nitrosodi-n-propylamine	621-64-7	~	mg/kg	0.94	U	0.94	U	0.2	U	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	0.19	U
Naphthalene	91-20-3	12	mg/kg	0.62	J	2.4		0.2	U	1.1		1.6		0.73		-	-	6.7		-	-	0.36		-	-	2.7		-	-	0.1	J	0.35	
NDPA/DPA	86-30-6	~	mg/kg	0.76	U	0.76	U	0.16	U	0.8	U	0.85	U	0.17	U	-	-	0.17	U	-	-	0.16	U	-	-	0.15	U	-	-	0.16	U	0.15	U
Nitrobenzene	98-95-3	~	mg/kg	0.85	U	0.85	U	0.18	U	0.9	U	0.96	U	0.19	U	-	-	0.19	U	-	-	0.18	U	-	-	0.17	U	-	-	0.18	U	0.17	U
p-Chloro-m-cresol	59-50-7	~	mg/kg	0.94	U	0.94	U	0.2	U	1	U	1.1	U	0.21	U	-	-	0.21	U	-	-	0.19	U	-	-	0.19	U	-	-	0.2	U	0.19	U
Pentachlorophenol	87-86-5	0.8	mg/kg	0.76	U	0.76	U	0.16	U	0.8	U	0.85	U	0.17	U	-	-	0.17	U	-	-	0.16	U	-	-	0.15	U	-	-	0.16	U	0.15	U
Phenanthrene	85-01-8	1000	mg/kg	6.1		21		0.21		7.7		8.6		4.2		-	-	13	E	11		6.7		-	-	10	E	13		2		13	E
Phenol	108-95-2	0.33	mg/kg	0.94	U	0.94	U	0.2	U	1	U	1.1	U	0.21	U	-	-	0.041	J	-	-	0.19	U	-	-	0.092	J	-	-	0.2	U	0.032	J
Pyrene	129-00-0	1000	mg/kg	7.9		20		0.47		9		7.6		19	E	18		16	E	15		6.7		-	-	8.2	E	10		2.6		14	E
Total Metals																																	
Aluminum, Total	7429-90-5	~	mg/kg	-	-	-	-	7600		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony, Total	7440-36-0	~	mg/kg	-	-	-	-	0.473	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic, Total	7440-38-2	16	mg/kg	11.8		14		5.53		12.5		**19.9**		**216**		-	-	11.9		-	-	6.83		-	-	6.35		-	-	9.66		8.98	
Barium, Total	7440-39-3	820	mg/kg	-	-	-	-	57.6		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium, Total	7440-41-7	47	mg/kg	-	-	-	-	0.329		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium, Total	7440-43-9	7.5	mg/kg	-	-	-	-	0.328	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium, Total	7440-70-2	~	mg/kg	-	-	-	-	6820		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium, Total	7440-47-3	~	mg/kg	-	-	-	-	12.2		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt, Total	7440-48-4	~	mg/kg	-	-	-	-	4.27		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper, Total	7440-50-8	1720	mg/kg	-	-	-	-	17.1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron, Total	7439-89-6	~	mg/kg	-	-	-	-	11700		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead, Total	7439-92-1	450	mg/kg	-	-	-	-	**878**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium, Total	7439-95-4	~	mg/kg	-	-	-	-	2070		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese, Total	7439-96-5	2000	mg/kg	-	-	-	-	236		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury, Total	7439-97-6	0.73	mg/kg	-	-	-	-	0.413		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel, Total	7440-02-0	130	mg/kg	-	-	-	-	12.9		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium, Total	7440-09-7	~	mg/kg	-	-	-	-	549		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium, Total	7782-49-2	4	mg/kg	-	-	-	-	0.341	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver, Total	7440-22-4	8.3	mg/kg	-	-	-	-	0.177	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium, Total	7440-23-5	~	mg/kg	-	-	-	-	116		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium, Total	7440-28-0	~	mg/kg	-	-	-	-	0.248	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium, Total	7440-62-2	~	mg/kg	-	-	-	-	17.8		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc, Total	7440-66-6	2480	mg/kg	-	-	-	-	150		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organics by EPA 5035																																	
1,1,1,2-Tetrachloroethane	630-20-6	~	mg/kg	-	-	-	-	0.00061	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	-	-	-	-	0.00061	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 3.2
Endpoint Analytical Data (4 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-78-120723 (4'-4.5')		EP-79-120723 (4'-4.5')		EP-80-120723 (4'-4.5')		EP-81-120723 (4'-4.5')		EP-82-120723 (4'-4.5')		EP-83-120823 (4'-4.5')		EP-83-120823 (4'-4.5')		EP-84-120823 (4'-4.5')		EP-84-120823 (4'-4.5')		EP-87-121423 (4-4.5')		EP-87-121423 (4-4.5')		EP-88-121423 (4-4.5')		EP-88-121423 (4-4.5')		EP-91-112823 (4'-4.5')		EP-92-112823 (4'-4.5')	
SAMPLING DATE				12/7/2023		12/7/2023		12/7/2023		12/7/2023		12/7/2023		12/8/2023		12/8/2023		12/8/2023		12/8/2023		12/14/2023		12/14/2023		12/14/2023		12/14/2023		11/28/2023		11/28/2023	
LAB SAMPLE ID				L2372282-04		L2372282-05		L2372282-07		L2372282-08		L2372282-22		L2372748-01		L2372748-01 R1		L2372748-02		L2372748-02 R1		L2373947-05		L2373947-05 R1		L2373947-06		L2373947-06 R1		L2370017-04		L2370017-03	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1,2,2-Tetrachloroethane	79-34-5	~	mg/kg	-	-	-	-	0.00061	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	79-00-5	~	mg/kg	-	-	-	-	0.0012	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	75-34-3	0.27	mg/kg	-	-	-	-	0.0012	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	75-35-4	0.33	mg/kg	-	-	-	-	0.0012	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropene	563-58-6	~	mg/kg	-	-	-	-	0.00061	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	87-61-6	~	mg/kg	-	-	-	-	0.0024	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	96-18-4	~	mg/kg	-	-	-	-	0.0024	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene	95-93-2	~	mg/kg	-	-	-	-	0.0024	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	-	-	-	-	0.0024	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	-	-	-	-	0.0024	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane	96-12-8	~	mg/kg	-	-	-	-	0.0036	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane	106-93-4	~	mg/kg	-	-	-	-	0.0012	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	-	-	0.0024	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	107-06-2	0.02	mg/kg	-	-	-	-	0.0012	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene, Total	540-59-0	~	mg/kg	-	-	-	-	0.0012	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	78-87-5	~	mg/kg	-	-	-	-	0.0012	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	-	-	-	-	0.0024	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	-	-	0.0024	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropane	142-28-9	~	mg/kg	-	-	-	-	0.0024	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropene, Total	542-75-6	~	mg/kg	-	-	-	-	0.00061	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	-	-	0.0024	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	-	-	0.097	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	594-20-7	~	mg/kg	-	-	-	-	0.0024	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone	78-93-3	0.12	mg/kg	-	-	-	-	0.012	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	591-78-6	~	mg/kg	-	-	-	-	0.012	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	108-10-1	~	mg/kg	-	-	-	-	0.012	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	67-64-1	0.05	mg/kg	-	-	-	-	0.0064	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile	107-13-1	~	mg/kg	-	-	-	-	0.0048	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	71-43-2	0.06	mg/kg	-	-	-	-	0.00061	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene	108-86-1	~	mg/kg	-	-	-	-	0.0024	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromochloromethane	74-97-5	~	mg/kg	-	-	-	-	0.0024	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	75-27-4	~	mg/kg	-	-	-	-	0.00061	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	75-25-2	~	mg/kg	-	-	-	-	0.0048	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromomethane	74-83-9	~	mg/kg	-	-	-	-	0.0024	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	75-15-0	~	mg/kg	-	-	-	-	0.012	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	56-23-5	0.76	mg/kg	-	-	-	-	0.0012	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	108-90-7	1.1	mg/kg	-	-	-	-	0.00061	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	75-00-3	~	mg/kg	-	-	-	-	0.0024	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	67-66-3	0.37	mg/kg	-	-	-	-	0.0018	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloromethane	74-87-3	~	mg/kg	-	-	-	-	0.0048	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	-	-	-	-	0.0012	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	10061-01-5	~	mg/kg	-	-	-	-	0.00061	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	124-48-1	~	mg/kg	-	-	-	-	0.0012	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane	74-95-3	~	mg/kg	-	-	-	-	0.0024	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane	75-71-8	~	mg/kg	-	-	-	-	0.012	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl ether	60-29-7	~	mg/kg	-	-	-	-	0.0024	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	100-41-4	1	mg/kg	-	-	-	-	0.0012	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	87-68-3	~	mg/kg	-	-	-	-	0.0048	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene	98-82-8	~	mg/kg	-	-	-	-	0.0012	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	-	-	-	-	0.0024	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	75-09-2	0.05	mg/kg	-	-	-	-	0.0061	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene	104-51-8	12	mg/kg	-	-	-	-	0.0012	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	103-65-1	3.9	mg/kg	-	-	-	-	0.0012	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	91-20-3	12	mg/kg	-	-	-	-	0.0048	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Chlorotoluene	95-49-8	~	mg/kg	-	-	-	-	0.0024	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	95-47-6	~	mg/kg	-	-	-	-	0.0012	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Chlorotoluene	106-43-4	~	mg/kg	-	-	-	-	0.0024	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Diethylbenzene	105-05-5	~	mg/kg	-	-	-	-	0.0024	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Ethyltoluene	622-96-8	~	mg/kg	-	-	-	-	0.0024	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Isopropyltoluene	99-87-6	~	mg/kg	-	-	-	-	0.0012	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p/m-Xylene	179601-23-1	~	mg/kg	-	-	-	-	0.0024	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	135-98-8	11	mg/kg	-	-	-	-	0.0012	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	100-42-5	~	mg/kg	-	-	-	-	0.0012	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	98-06-6	5.9	mg/kg	-	-	-	-	0.0024	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	127-18-4	1.3	mg/kg	-	-	-	-	0.00061	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	108-88-3	0.7	mg/kg	-	-	-	-	0.0012	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	-	-	-	-	0.0018	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	10061-02-6	~	mg/kg	-	-	-	-	0.0012	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	110-57-6	~	mg/kg	-	-	-	-	0.0061	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	79-01-6	0.47	mg/kg	-	-	-	-	0.00061	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane	75-69-4	~	mg/kg	-	-	-	-	0.0048	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl acetate	108-05-4	~	mg/kg	-	-	-	-	0.012	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	75-01-4	0.02	mg/kg	-	-	-	-	0.0012	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes, Total	1330-20-7	1.6	mg/kg	-	-	-	-	0.0012	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* Comparison is not performed on parameters with non-numeric criteria.

NY-PG SCOs: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per

Table 3.2
Endpoint Analytical Data (4 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-92-112823 (4'-4.5')		EP-93-120723 (4'-4.5')		EP-94-120723 (4'-4.5')		EP-95-120723 (4'-4.5')		EP-96-120723 (4'-4.5')		EP-96-120723 (4'-4.5')		EP-97-121423 (4-4.5')		EP-98-121223 (4'-4.5')		EP-99-121423 (4-4.5')		EP-99-121423 (4-4.5')		EP-100-121223 (4'-4.5')		EP-101-121323 (4'-4.5')		EP-102-120623		EP-102-120623		EP-102-121323 (4'-4.5')		EP-103-120623	
SAMPLING DATE				11/28/2023		12/7/2023		12/7/2023		12/7/2023		12/7/2023		12/7/2023		12/14/2023		12/12/2023		12/14/2023		12/14/2023		12/12/2023		12/13/2023		12/6/2023		12/6/2023		12/13/2023		12/6/2023	
LAB SAMPLE ID				L2370017-03 R1		L2372282-03		L2372282-06		L2372282-09		L2372282-10		L2414680-04		L2373947-01		L2373251-09		L2373947-02		L2373947-02 R1		L2373251-10		L2373604-01		L2371861-07		L2371861-07 R1		L2373604-02		L2371861-08	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																																	
Chromium, Hexavalent	18540-29-9	19	mg/kg	-	-	1.17	U	0.32	J	1.03	U	0.983	U	-	-	0.224	J	0.29	J	0.986	U	-	-	1.06	U	0.932	U	0.265	J	-	-	0.95	U	0.89	U
Cyanide, Total	57-12-5	40	mg/kg	-	-	-	-	-	-	-	-	-	-	1.2	U	1.2	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Solids, Total	NONE	~	%	-	-	68.4		90.5		77.8		81.4		81.4		80.5		79.3		81.1		-	-	75.8		85.8		86.7		-	-	84.2		89.9	
Organochlorine Pesticides by GC																																	
4,4'-DDD	72-54-8	14	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00187	U	0.00198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	72-55-9	17	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00187	U	0.00198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	50-29-3	136	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00187	U	0.00198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldrin	309-00-2	0.19	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00187	U	0.00198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alpha-BHC	319-84-6	0.02	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00078	U	0.000823	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beta-BHC	319-85-7	0.09	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00187	U	0.00198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane	57-74-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0156	U	0.0165	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-Chlordane	5103-71-9	2.9	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00234	U	0.00247	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Delta-BHC	319-86-8	0.25	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00187	U	0.00198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	60-57-1	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00117	U	0.00123	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan I	959-98-8	102	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00187	U	0.00198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan II	33213-65-9	102	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00187	U	0.00198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	1031-07-8	1000	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00078	U	0.000823	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin	72-20-8	0.06	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00078	U	0.000823	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	7421-93-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00234	U	0.00247	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone	53494-70-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00187	U	0.00198	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	76-44-8	0.38	mg/kg	-	-	-	-	-	-	-	-	-	-	0.000935	U	0.000988	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	1024-57-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00351	U	0.0037	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lindane	58-89-9	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00078	U	0.000823	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor	72-43-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00351	U	0.0037	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxaphene	8001-35-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0351	U	0.037	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-Chlordane	5103-74-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00234	U	0.00247	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorinated Alkyl Acids by EPA 1633																																	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.000792	U	0.000805	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.000792	U	0.000805	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA	2991-50-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.000198	U	0.000201	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOS	2355-31-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.000198	U	0.000201	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.000198	U	0.000201	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.000792	U	0.000805	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.000198	U	0.000201	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.000198	U	0.000095	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.000198	U	0.000201	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.000198	U	0.000201	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.000034	J	0.000201	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.000198	U	0.000201	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.000198	U	0.000201	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.000198	U	0.000201	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00007	J	0.000201	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	-	-	-	-	-	-	-	-	-	-	0.000159	J	0.000354		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	-	-	-	-	-	-	-	-	-	-	0.000164	J	0.00008	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.000396	U	0.000403	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.000198	U	0.000201	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.000198	U	0.000201	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.000198	U	0.000057	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFOA/PFOS, Total	null	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.000323	J	0.000434	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC																																	
Aroclor 1016	12674-11-2	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0595	U	0.0593	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1221	11104-28-2	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0595	U	0.0593	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1232	11141-16-5	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0595	U	0.0593	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1242	53469-21-9	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0595	U	0.0593	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1248	12672-29-6	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0595	U	0.0593	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1254	11097-69-1	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0595	U	0.00687	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1260	11096-82-5	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0595	U	0.0593	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1262	37324-23-5	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0595	U	0.0593	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1268	11100-14-4	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0595	U	0.0593	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs, Total	1336-36-3	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0595	U	0.00687	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semivolatile Organics by GC/MS																																	
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.21	U	0.2	U	-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.21	U	0.2	U	-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.21	U	0.2	U	-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.21	U	0.2	U	-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.21	U	0.2	U	-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	0.18	U	0.14	U	0.16	U	0.15	U	-	-	0.031	U	0.031	U	0.031	U	-	-	0.032	U	0.028	U	0.14	U	-	-	0.029	U	0.14	U
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.21	U	0.2	U	-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	-	-	0.72	U	0.54	U	0.63	U	0.6	U	-	-	0.12	U	0.12	U	0.12	U	-	-	0.13	U	0.11	U	0.57	U	-	-	0.12	U	0.54	U
2,4-Dichlorophenol	120-83-2	~	mg/kg	-	-	1.1	U	0.82	U	0.94	U	0.91	U	-	-	0.18	U	0.19	U	0.18	U	-	-	0.2	U	0.17	U	0.85	U	-	-	0.18	U	0.82	U
2,4-Dimethylphenol	105-67-9	~	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.21	U	0.31		-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U
2,4-Dinitrophenol	51-28-5	~	mg/kg	-	-	5.8	U	4.4	U	5	U	4.8	U	-	-	0.98	U	1	U	0.98	U	-	-	1	U	0.9	U	4.5	U	-	-	0.93	U	4.4	U
2,4-Dinitrotoluene	121-14-2	~	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.21	U	0.2	U	-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U
2,6-Dinitrotoluene	606-20-2	~	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.21	U	0.2	U	-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U
2-Chloronaphthalene	91-58-7	~	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.21	U	0.2	U	-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U
2-Chlorophenol	95-57-8	~	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.21	U	0.2	U	-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U
2-Methylnaphthalene	91-57-6	~	mg/kg	-	-	0.16	J	0.23	J	0.19	J	1.2	U	-	-	0.24	U	0.25		2.7		-	-	0.32		0.034	J	1.5		-	-	0.092	J	0.18	J
2-Methylphenol	95-48-7	0.33	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.21	U	0.27		-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U

Table 3.2
Endpoint Analytical Data (4 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-92-112823 (4'-4.5')		EP-93-120723 (4'-4.5')		EP-94-120723 (4'-4.5')		EP-95-120723 (4'-4.5')		EP-96-120723 (4'-4.5')		EP-96-120723 (4'-4.5')		EP-97-121423 (4-4.5')		EP-98-121223 (4'-4.5')		EP-99-121423 (4-4.5')		EP-99-121423 (4-4.5')		EP-100-121223 (4'-4.5')		EP-101-121323 (4'-4.5')		EP-102-120623		EP-102-120623		EP-102-121323 (4'-4.5')		EP-103-120623	
SAMPLING DATE				11/28/2023		12/7/2023		12/7/2023		12/7/2023		12/7/2023		12/7/2023		12/14/2023		12/12/2023		12/14/2023		12/14/2023		12/12/2023		12/13/2023		12/6/2023		12/6/2023		12/13/2023		12/6/2023	
LAB SAMPLE ID				L2370017-03 R1		L2372282-03		L2372282-06		L2372282-09		L2372282-10		L2414680-04		L2373947-01		L2373251-09		L2373947-02		L2373947-02 R1		L2373251-10		L2373604-01		L2371861-07		L2371861-07 R1		L2373604-02		L2371861-08	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Nitroaniline	88-74-4	~	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.21	U	0.2	U	-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U
2-Nitrophenol	88-75-5	~	mg/kg	-	-	2.6	U	2	U	2.3	U	2.2	U	-	-	0.44	U	0.45	U	0.44	U	-	-	0.47	U	0.41	U	2	U	-	-	0.42	U	2	U
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.21	U	0.2	U	-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44	0.33	mg/kg	-	-	1.7	U	1.3	U	1.5	U	1.4	U	-	-	0.29	U	0.1	J	**0.69**		-	-	0.066	J	0.27	U	1.4	U	-	-	0.28	U	1.3	U
3-Nitroaniline	99-09-2	~	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.21	U	0.2	U	-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	-	-	3.1	U	2.4	U	2.7	U	2.6	U	-	-	0.53	U	0.54	U	0.53	U	-	-	0.56	U	0.49	U	2.4	U	-	-	0.5	U	2.4	U
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.21	U	0.2	U	-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U
4-Chloroaniline	106-47-8	~	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.21	U	0.2	U	-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.21	U	0.2	U	-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U
4-Nitroaniline	100-01-6	~	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.21	U	0.2	U	-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U
4-Nitrophenol	100-02-7	~	mg/kg	-	-	1.7	U	1.3	U	1.5	U	1.4	U	-	-	0.29	U	0.29	U	0.29	U	-	-	0.3	U	0.26	U	1.3	U	-	-	0.27	U	1.3	U
Acenaphthene	83-32-9	98	mg/kg	-	-	0.17	J	0.67	J	1		0.2	J	-	-	0.078	J	0.44		3.2		-	-	0.5		0.15		3.4		-	-	0.33		0.57	J
Acenaphthylene	208-96-8	107	mg/kg	-	-	4		0.2	J	2.3		0.27	J	-	-	0.095	J	0.61		0.34		-	-	0.38		0.062	J	0.94		-	-	0.13	J	0.33	J
Acetophenone	98-86-2	~	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.038	J	0.029	J	-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U
Anthracene	120-12-7	1000	mg/kg	-	-	1		1.6		4.8		0.58	J	-	-	0.24		1.4		4.2		-	-	1.2		0.43		10		-	-	0.88		2.1	
Benzo(a)anthracene	56-55-3	1	mg/kg	-	-	**16**		**3.7**		**16**		**1.5**		-	-	0.8		**4**		**7**		-	-	**2.7**		**1.1**		**20**		-	-	**2**		**5.9**	
Benzo(a)pyrene	50-32-8	22	mg/kg	-	-	**27**		3.7		15		1.3		-	-	0.8		4.6		6.3		-	-	3.1		1		19		-	-	1.9		5.7	
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	**9.2**		**22**		**4.3**		**17**		1.5		-	-	0.9		**5.5**		**7.8**		-	-	**3.3**		1.2		**23**		-	-	**2.1**		**6.4**	
Benzo(ghi)perylene	191-24-2	1000	mg/kg	-	-	20		2		8.1		0.67	J	-	-	0.4		2.4		3.2		-	-	1.6		0.51		11		-	-	0.91		3.2	
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	-	-	**6.1**		1.3		**6**		0.54	J	-	-	0.31		1.6		1.3		-	-	1		0.32		**4.8**		-	-	0.68		**2**	
Benzoic Acid	65-85-0	~	mg/kg	-	-	3.9	U	2.9	U	3.4	U	3.3	U	-	-	0.66	U	0.67	U	0.66	U	-	-	0.7	U	0.61	U	3	U	-	-	0.63	U	2.9	U
Benzyl Alcohol	100-51-6	~	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.21	U	0.2	U	-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U
Biphenyl	92-52-4	~	mg/kg	-	-	2.7	U	2.1	U	2.4	U	2.3	U	-	-	0.47	U	0.064	J	0.55		-	-	0.09	J	0.43	U	0.42	J	-	-	0.026	J	2.1	U
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	-	-	1.3	U	0.98	U	1.1	U	1.1	U	-	-	0.22	U	0.22	U	0.22	U	-	-	0.23	U	0.2	U	1	U	-	-	0.21	U	0.98	U
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	-	-	1.1	U	0.82	U	0.94	U	0.91	U	-	-	0.18	U	0.19	U	0.18	U	-	-	0.2	U	0.17	U	0.85	U	-	-	0.18	U	0.82	U
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	-	-	1.4	U	1.1	U	1.2	U	1.2	U	-	-	0.24	U	0.25	U	0.24	U	-	-	0.26	U	0.22	U	1.1	U	-	-	0.23	U	1.1	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.13	J	0.2	U	-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U
Butyl benzyl phthalate	85-68-7	~	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.21	U	0.2	U	-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U
Carbazole	86-74-8	~	mg/kg	-	-	0.16	J	0.72	J	1.2		0.22	J	-	-	0.078	J	0.54		2		-	-	0.37		0.18	J	3.3		-	-	0.33		0.56	J
Chrysene	218-01-9	1	mg/kg	-	-	**12**		**3.6**		**15**		**1.5**		-	-	0.75		**3.7**		**6.5**		-	-	**2.4**		0.99		**19**		-	-	**1.8**		**5.7**	
Di-n-butylphthalate	84-74-2	~	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.21	U	0.2	U	-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U
Di-n-octylphthalate	117-84-0	~	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.21	U	0.2	U	-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	-	-	2.2		0.48	J	2.2		0.19	J	-	-	0.089	J	0.55		0.7		-	-	0.35		0.11		2.6		-	-	0.2		0.73	
Dibenzofuran	132-64-9	210	mg/kg	-	-	0.12	J	0.47	J	0.59	J	0.12	J	-	-	0.034	J	0.3		2.3		-	-	0.35		0.097	J	2.6		-	-	0.21		0.36	J
Diethyl phthalate	84-66-2	~	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.21	U	0.2	U	-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U
Dimethyl phthalate	131-11-3	~	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.21	U	0.2	U	-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U
Fluoranthene	206-44-0	1000	mg/kg	17		15		8		30		3		-	-	1.7		8.3		14	E	18		5.6		2.3		41	E	44		4.3		12	
Fluorene	86-73-7	386	mg/kg	-	-	0.32	J	0.62	J	1.3		0.24	J	-	-	0.074	J	0.4		3.1		-	-	0.56		0.16	J	4.6		-	-	0.36		0.6	J
Hexachlorobenzene	118-74-1	3.2	mg/kg	-	-	0.72	U	0.54	U	0.63	U	0.6	U	-	-	0.12	U	0.12	U	0.12	U	-	-	0.13	U	0.11	U	0.57	U	-	-	0.12	U	0.54	U
Hexachlorobutadiene	87-68-3	~	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.21	U	0.2	U	-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	-	-	3.4	U	2.6	U	3	U	2.9	U	-	-	0.58	U	0.6	U	0.58	U	-	-	0.62	U	0.54	U	2.7	U	-	-	0.56	U	2.6	U
Hexachloroethane	67-72-1	~	mg/kg	-	-	0.96	U	0.73	U	0.84	U	0.8	U	-	-	0.16	U	0.17	U	0.16	U	-	-	0.17	U	0.15	U	0.76	U	-	-	0.16	U	0.72	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	-	-	**14**		2.2		**10**		0.78	J	-	-	0.45		2.8		3.5		-	-	1.6		0.54		**9.9**		-	-	0.99		2.9	
Isophorone	78-59-1	~	mg/kg	-	-	1.1	U	0.82	U	0.94	U	0.91	U	-	-	0.18	U	0.19	U	0.18	U	-	-	0.2	U	0.17	U	0.85	U	-	-	0.18	U	0.82	U
n-Nitrosodi-n-propylamine	621-64-7	~	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.21	U	0.2	U	-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U
Naphthalene	91-20-3	12	mg/kg	-	-	0.28	J	0.42	J	0.35	J	0.19	J	-	-	0.041	J	0.41		7.5		-	-	0.83		0.052	J	1.9		-	-	0.14	J	0.34	J
NDPA/DPA	86-30-6	~	mg/kg	-	-	0.96	U	0.73	U	0.84	U	0.8	U	-	-	0.16	U	0.17	U	0.16	U	-	-	0.17	U	0.15	U	0.76	U	-	-	0.16	U	0.72	U
Nitrobenzene	98-95-3	~	mg/kg	-	-	1.1	U	0.82	U	0.94	U	0.91	U	-	-	0.18	U	0.19	U	0.18	U	-	-	0.2	U	0.17	U	0.85	U	-	-	0.18	U	0.82	U
p-Chloro-m-cresol	59-50-7	~	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.21	U	0.2	U	-	-	0.22	U	0.19	U	0.94	U	-	-	0.19	U	0.91	U
Pentachlorophenol	87-86-5	0.8	mg/kg	-	-	0.96	U	0.73	U	0.84	U	0.8	U	-	-	0.16	U	0.17	U	0.16	U	-	-	0.17	U	0.15	U	0.76	U	-	-	0.16	U	0.72	U
Phenanthrene	85-01-8	1000	mg/kg	14		2.1		7.8		14		2		-	-	0.91		4.8		16	E	19		4.1		1.7		40	E	42		3.4		8.6	
Phenol	108-95-2	0.33	mg/kg	-	-	1.2	U	0.91	U	1	U	1	U	-	-	0.2	U	0.039	J	**0.39**		-	-	0.045	J	0.19	U	0.94	U	-	-	0.19	U	0.91	U
Pyrene	129-00-0	1000	mg/kg	14		28		7.4		26		2.6		-	-	1.5		7.4		12	E	16		5.4		2		37		-	-	3.8		11	
Total Metals																																			
Aluminum, Total	7429-90-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	6550		2970		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony, Total	7440-36-0	~	mg/kg	-	-	-	-	-	-	-	-	-	-	1.23	J	1.34	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic, Total	7440-38-2	16	mg/kg	-	-	**16.2**		6.63		7.89		9.22		-	-	5.5		13.1		**21.8**		-	-	10.4		5.15		6.41		-	-	8.1		8.04	
Barium, Total	7440-39-3	820	mg/kg	-	-	-	-	-	-	-	-	-	-	107		86.6		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium, Total	7440-41-7	47	mg/kg	-	-	-	-	-	-	-	-	-	-	0.346	J	0.27		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium, Total	7440-43-9	7.5	mg/kg	-	-	-	-	-	-	-	-	-	-	2.45	U	0.19	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium, Total	7440-70-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	8900		10600		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium, Total	7440-47-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	13		6.03		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt, Total	7440-48-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	5.92		3.41		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper, Total	7440-50-8	1720	mg/kg	-	-	-	-	-	-	-	-	-	-	47.2		32.9		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron, Total	7439-89-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	16100		6890		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead, Total	7439-92-1	450	mg/kg	-	-	-	-	-	-	-	-	-	-	**779**		319		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium, Total	7439-95-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	2570		855		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese, Total	7439-96-5	2000	mg/kg	-	-	-	-	-	-	-	-	-	-	217		130		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury, Total	7439-97-6	0.73	mg/kg	-	-	-	-	-	-	-	-	-	-	**0.903**		0.609		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel, Total	7440-02-0	130	mg/kg	-	-	-	-	-	-	-	-	-	-	16.6		11.6		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium, Total	7440-09-7	~	mg/kg	-	-	-	-	-	-	-	-	-	-	554	J	438		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium, Total	7782-49-2	4	mg/kg	-	-	-	-	-	-	-	-	-	-	1.37	J	1.75		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver, Total	7440-22-4	8.3	mg/kg	-	-	-	-	-	-	-	-	-	-	1.22	U	0.207	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium, Total	7440-23-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	155	J	169		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium, Total	7440-28-0	~	mg/kg	-	-	-	-	-	-	-	-	-	-	4.9	U	0.228	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium, Total	7440-62-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	19.6		11.1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc, Total	7440-66-6	2480	mg/kg	-	-	-	-	-	-	-	-	-	-	141		123		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organics by EPA 5035																																			
1,1,1,2-Tetrachloroethane	630-20-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00056	U	0.00076	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00056	U	0.00076	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 3.2
Endpoint Analytical Data (4 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-92-112823 (4'-4.5')		EP-93-120723 (4'-4.5')		EP-94-120723 (4'-4.5')		EP-95-120723 (4'-4.5')		EP-96-120723 (4'-4.5')		EP-96-120723 (4'-4.5')		EP-97-121423 (4-4.5')		EP-98-121223 (4'-4.5')		EP-99-121423 (4-4.5')		EP-99-121423 (4-4.5')		EP-100-121223 (4'-4.5')		EP-101-121323 (4'-4.5')		EP-102-120623		EP-102-120623		EP-102-121323 (4'-4.5')		EP-103-120623	
SAMPLING DATE				11/28/2023		12/7/2023		12/7/2023		12/7/2023		12/7/2023		12/7/2023		12/14/2023		12/12/2023		12/14/2023		12/14/2023		12/12/2023		12/13/2023		12/6/2023		12/6/2023		12/13/2023		12/6/2023	
LAB SAMPLE ID				L2370017-03 R1		L2372282-03		L2372282-06		L2372282-09		L2372282-10		L2414680-04		L2373947-01		L2373251-09		L2373947-02		L2373947-02 R1		L2373251-10		L2373604-01		L2371861-07		L2371861-07 R1		L2373604-02		L2371861-08	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1,2,2-Tetrachloroethane	79-34-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00056	U	0.00076	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	79-00-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0011	U	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	75-34-3	0.27	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0011	U	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	75-35-4	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0011	U	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropene	563-58-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00056	U	0.00076	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	87-61-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0022	U	0.003	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	96-18-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0022	U	0.003	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene	95-93-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0022	U	0.0072		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0022	U	0.003	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0022	U	0.00058	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane	96-12-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0034	U	0.0046	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane	106-93-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0011	U	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0022	U	0.003	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	107-06-2	0.02	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0011	U	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene, Total	540-59-0	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0011	U	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	78-87-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0011	U	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0022	U	0.00039	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0022	U	0.003	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropane	142-28-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0022	U	0.003	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropene, Total	542-75-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00056	U	0.00076	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0022	U	0.003	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	0.089	U	0.12	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	594-20-7	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0022	U	0.003	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone	78-93-3	0.12	mg/kg	-	-	-	-	-	-	-	-	-	-	0.011	U	0.015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	591-78-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.011	U	0.015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	108-10-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.011	U	0.015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	67-64-1	0.05	mg/kg	-	-	-	-	-	-	-	-	-	-	0.011	U	0.015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile	107-13-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0045	U	0.0061	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	71-43-2	0.06	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00056	U	0.00076	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene	108-86-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0022	U	0.003	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromochloromethane	74-97-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0022	U	0.003	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	75-27-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00056	U	0.00076	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	75-25-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0045	U	0.0061	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromomethane	74-83-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0022	U	0.003	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	75-15-0	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.011	U	0.015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	56-23-5	0.76	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0011	U	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	108-90-7	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00056	U	0.00076	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	75-00-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0022	U	0.003	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	67-66-3	0.37	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0017	U	0.0023	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloromethane	74-87-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0045	U	0.0061	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0011	U	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	10061-01-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00056	U	0.00076	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	124-48-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0011	U	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane	74-95-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0022	U	0.003	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane	75-71-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.011	U	0.015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl ether	60-29-7	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0022	U	0.003	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	100-41-4	1	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0011	U	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	87-68-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0045	U	0.0061	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene	98-82-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0011	U	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0022	U	0.003	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	75-09-2	0.05	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0056	U	0.0076	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene	104-51-8	12	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0011	U	0.0005	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	103-65-1	3.9	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0011	U	0.00042	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	91-20-3	12	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0045	U	0.0061	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Chlorotoluene	95-49-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0022	U	0.003	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	95-47-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0011	U	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Chlorotoluene	106-43-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0022	U	0.003	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Diethylbenzene	105-05-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0022	U	0.00093	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Ethyltoluene	622-96-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0022	U	0.003	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Isopropyltoluene	99-87-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0011	U	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p/m-Xylene	179601-23-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0022	U	0.003	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	135-98-8	11	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0011	U	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	100-42-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0011	U	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	98-06-6	5.9	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0022	U	0.003	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	127-18-4	1.3	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00056	U	0.00076	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	108-88-3	0.7	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0011	U	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0017	U	0.0023	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	10061-02-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0011	U	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	110-57-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0056	U	0.0076	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	79-01-6	0.47	mg/kg	-	-	-	-	-	-	-	-	-	-	0.00056	U	0.00076	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane	75-69-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0045	U	0.0061	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl acetate	108-05-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	0.011	U	0.015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	75-01-4	0.02	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0011	U	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes, Total	1330-20-7	1.6	mg/kg	-	-	-	-	-	-	-	-	-	-	0.0011	U	0.0015	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* Comparison is not performed on parameters with non-numeric criteria.

NY-PG SCOs: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per

Table 3.2
Endpoint Analytical Data (4 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-103-121323 (4'-4.5')		EP-103-121323 (4'-4.5')		EP-104-120623		EP-104-121423 (4-4.5')		EP-105-121423 (4-4.5')		EP-105-121423 (4-4.5')		EP-106-120723 (4'-4.5')		EP-107-120723 (4'-4.5')		EP-108-120823 (4'-4.5')		EP-108-120823 (4'-4.5')		EP-109-121223 (4'-4.5')		EP-110-121223 (4'-4.5')		EP-111-121423 (4-4.5')		EP-112-121223 (4'-4.5')	
SAMPLING DATE				12/13/2023		12/13/2023		12/6/2023		12/14/2023		12/14/2023		12/14/2023		12/7/2023		12/7/2023		12/8/2023		12/8/2023		12/12/2023		12/12/2023		12/14/2023		12/12/2023	
LAB SAMPLE ID				L2373604-03		L2373604-03 R1		L2371861-09		L2373947-07		L2373947-08		L2373947-08 R1		L2372282-01		L2372282-02		L2372748-10		L2414680-07		L2373251-02		L2373251-01		L2373947-03		L2373251-08	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																															
Chromium, Hexavalent	18540-29-9	19	mg/kg	0.92	U	-	-	0.861	U	0.903	U	0.929	U	-	-	0.939	U	0.952	U	0.972		U		0.909	U	1.16	U	0.916	U	0.942	U
Cyanide, Total	57-12-5	40	mg/kg	-	-	-	-	-	-	1.1	U	-	-	-	-	1.1	U	-	-	-	-	0.28	J	1.1	U	-	-	1.1	U	-	-
Solids, Total	NONE	~	%	86.9		-	-	92.9		88.6		86.1		-	-	85.2		84		82.3		82.3		88		69		87.3		84.9	
Organochlorine Pesticides by GC																															
4,4'-DDD	72-54-8	14	mg/kg	-	-	-	-	-	-	0.00174	U	-	-	-	-	0.00177	U	-	-	-	-	0.00166	JIP	0.00174	U	-	-	0.00181	U	-	-
4,4'-DDE	72-55-9	17	mg/kg	-	-	-	-	-	-	0.00174	U	-	-	-	-	0.000644	J	-	-	-	-	0.0014	J	0.00174	U	-	-	0.00181	U	-	-
4,4'-DDT	50-29-3	136	mg/kg	-	-	-	-	-	-	0.00174	U	-	-	-	-	0.00177	U	-	-	-	-	0.00184	U	0.00174	U	-	-	0.00181	U	-	-
Aldrin	309-00-2	0.19	mg/kg	-	-	-	-	-	-	0.00174	U	-	-	-	-	0.00177	U	-	-	-	-	0.00184	U	0.00174	U	-	-	0.00181	U	-	-
Alpha-BHC	319-84-6	0.02	mg/kg	-	-	-	-	-	-	0.000724	U	-	-	-	-	0.000739	U	-	-	-	-	0.000766	U	0.000724	U	-	-	0.000756	U	-	-
Beta-BHC	319-85-7	0.09	mg/kg	-	-	-	-	-	-	0.00174	U	-	-	-	-	0.00177	U	-	-	-	-	0.00184	U	0.00174	U	-	-	0.00181	U	-	-
Chlordane	57-74-9	~	mg/kg	-	-	-	-	-	-	0.0145	U	-	-	-	-	0.0148	U	-	-	-	-	0.0153	U	0.0145	U	-	-	0.0151	U	-	-
cis-Chlordane	5103-71-9	2.9	mg/kg	-	-	-	-	-	-	0.00217	U	-	-	-	-	0.00222	U	-	-	-	-	0.0023	U	0.00217	U	-	-	0.00227	U	-	-
Delta-BHC	319-86-8	0.25	mg/kg	-	-	-	-	-	-	0.00174	U	-	-	-	-	0.00177	U	-	-	-	-	0.00184	U	0.00174	U	-	-	0.00181	U	-	-
Dieldrin	60-57-1	0.1	mg/kg	-	-	-	-	-	-	0.00108	U	-	-	-	-	0.00111	U	-	-	-	-	0.00115	U	0.00109	U	-	-	0.00113	U	-	-
Endosulfan I	959-98-8	102	mg/kg	-	-	-	-	-	-	0.00174	U	-	-	-	-	0.00177	U	-	-	-	-	0.00184	U	0.00174	U	-	-	0.00181	U	-	-
Endosulfan II	33213-65-9	102	mg/kg	-	-	-	-	-	-	0.00174	U	-	-	-	-	0.00177	U	-	-	-	-	0.00184	U	0.00174	U	-	-	0.00181	U	-	-
Endosulfan sulfate	1031-07-8	1000	mg/kg	-	-	-	-	-	-	0.000724	U	-	-	-	-	0.000739	U	-	-	-	-	0.000766	U	0.000724	U	-	-	0.000756	U	-	-
Endrin	72-20-8	0.06	mg/kg	-	-	-	-	-	-	0.000724	U	-	-	-	-	0.000739	U	-	-	-	-	0.000766	U	0.000724	U	-	-	0.000756	U	-	-
Endrin aldehyde	7421-93-4	~	mg/kg	-	-	-	-	-	-	0.00217	U	-	-	-	-	0.00222	U	-	-	-	-	0.0023	U	0.00217	U	-	-	0.00227	U	-	-
Endrin ketone	53494-70-5	~	mg/kg	-	-	-	-	-	-	0.00174	U	-	-	-	-	0.00177	U	-	-	-	-	0.00184	U	0.00174	U	-	-	0.00181	U	-	-
Heptachlor	76-44-8	0.38	mg/kg	-	-	-	-	-	-	0.000869	U	-	-	-	-	0.000887	U	-	-	-	-	0.000919	U	0.000869	U	-	-	0.000907	U	-	-
Heptachlor epoxide	1024-57-3	~	mg/kg	-	-	-	-	-	-	0.00326	U	-	-	-	-	0.00333	U	-	-	-	-	0.00345	U	0.00326	U	-	-	0.0034	U	-	-
Lindane	58-89-9	0.1	mg/kg	-	-	-	-	-	-	0.000724	U	-	-	-	-	0.000739	U	-	-	-	-	0.000766	U	0.000724	U	-	-	0.000756	U	-	-
Methoxychlor	72-43-5	~	mg/kg	-	-	-	-	-	-	0.00326	U	-	-	-	-	0.00333	U	-	-	-	-	0.00345	U	0.00326	U	-	-	0.0034	U	-	-
Toxaphene	8001-35-2	~	mg/kg	-	-	-	-	-	-	0.0326	U	-	-	-	-	0.0333	U	-	-	-	-	0.0345	U	0.0326	U	-	-	0.034	U	-	-
trans-Chlordane	5103-74-2	~	mg/kg	-	-	-	-	-	-	0.00217	U	-	-	-	-	0.00222	U	-	-	-	-	0.0023	U	0.00217	U	-	-	0.00227	U	-	-
Perfluorinated Alkyl Acids by EPA 1633																															
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	~	mg/kg	-	-	-	-	-	-	0.000796	U	-	-	-	-	0.000788	U	-	-	-	-	0.000797	U	0.000766	U	-	-	0.000798	U	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	~	mg/kg	-	-	-	-	-	-	0.000796	U	-	-	-	-	0.000788	U	-	-	-	-	0.000797	U	0.000766	U	-	-	0.000798	U	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA	2991-50-6	~	mg/kg	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000197	U	-	-	-	-	0.000199	U	0.000192	U	-	-	0.0002	U	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOS	2355-31-9	~	mg/kg	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000197	U	-	-	-	-	0.000199	U	0.000192	U	-	-	0.0002	U	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000197	U	-	-	-	-	0.000199	U	0.000192	U	-	-	0.0002	U	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	-	-	-	-	-	-	0.000796	U	-	-	-	-	0.000788	U	-	-	-	-	0.000797	U	0.000766	U	-	-	0.000798	U	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000197	U	-	-	-	-	0.000199	U	0.000192	U	-	-	0.0002	U	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000197	U	-	-	-	-	0.000199	U	0.000192	U	-	-	0.0002	U	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000197	U	-	-	-	-	0.000199	U	0.000192	U	-	-	0.0002	U	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000197	U	-	-	-	-	0.000199	U	0.000192	U	-	-	0.0002	U	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	-	-	-	-	-	-	0.00007	J	-	-	-	-	0.000197	U	-	-	-	-	0.000038	J	0.000192	U	-	-	0.000112	J	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000197	U	-	-	-	-	0.000199	U	0.000192	U	-	-	0.0002	U	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000197	U	-	-	-	-	0.000199	U	0.000192	U	-	-	0.000123	J	-	-
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000197	U	-	-	-	-	0.000199	U	0.000192	U	-	-	0.0002	U	-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000197	U	-	-	-	-	0.000199	U	0.000192	U	-	-	0.0002	U	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	-	-	-	-	-	-	0.000115	JF	-	-	-	-	0.000181	J	-	-	-	-	0.000245		0.00014	J	-	-	0.0002	U	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	-	-	-	-	-	-	0.00078		-	-	-	-	0.000102	J	-	-	-	-	0.000169	J	0.000059	J	-	-	0.00018	J	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	-	-	-	-	-	-	0.000398	U	-	-	-	-	0.000394	U	-	-	-	-	0.000398	U	0.000383	U	-	-	0.00012	J	-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000197	U	-	-	-	-	0.000199	U	0.000192	U	-	-	0.0002	U	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000197	U	-	-	-	-	0.000199	U	0.000192	U	-	-	0.0002	U	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000197	U	-	-	-	-	0.000199	U	0.000192	U	-	-	0.0002	U	-	-
PFOA/PFOS, Total	null	~	mg/kg	-	-	-	-	-	-	0.000895	J	-	-	-	-	0.000283	J	-	-	-	-	0.000414	J	0.000199	J	-	-	0.00018	J	-	-
Polychlorinated Biphenyls by GC																															
Aroclor 1016	12674-11-2	3.2	mg/kg	-	-	-	-	-	-	0.0563	U	-	-	-	-	0.0577	U	-	-	-	-	0.0562	U	0.0532	U	-	-	0.0572	U	-	-
Aroclor 1221	11104-28-2	3.2	mg/kg	-	-	-	-	-	-	0.0563	U	-	-	-	-	0.0577	U	-	-	-	-	0.0562	U	0.0532	U	-	-	0.0572	U	-	-
Aroclor 1232	11141-16-5	3.2	mg/kg	-	-	-	-	-	-	0.0563	U	-	-	-	-	0.0577	U	-	-	-	-	0.0562	U	0.0532	U	-	-	0.0572	U	-	-
Aroclor 1242	53469-21-9	3.2	mg/kg	-	-	-	-	-	-	0.0563	U	-	-	-	-	0.0577	U	-	-	-	-	0.0562	U	0.0532	U	-	-	0.0572	U	-	-
Aroclor 1248	12672-29-6	3.2	mg/kg	-	-	-	-	-	-	0.0563	U	-	-	-	-	0.0577	U	-	-	-	-	0.0562	U	0.0532	U	-	-	0.0572	U	-	-
Aroclor 1254	11097-69-1	3.2	mg/kg	-	-	-	-	-	-	0.0563	U	-	-	-	-	0.0134	J	-	-	-	-	0.00632	J	0.0532	U	-	-	0.0572	U	-	-
Aroclor 1260	11096-82-5	3.2	mg/kg	-	-	-	-	-	-	0.0563	U	-	-	-	-	0.0577	U	-	-	-	-	0.0562	U	0.0532	U	-	-	0.0572	U	-	-
Aroclor 1262	37324-23-5	3.2	mg/kg	-	-	-	-	-	-	0.0563	U	-	-	-	-	0.0577	U	-	-	-	-	0.0562	U	0.0532	U	-	-	0.0572	U	-	-
Aroclor 1268	11100-14-4	3.2	mg/kg	-	-	-	-	-	-	0.0563	U	-	-	-	-	0.0577	U	-	-	-	-	0.0562	U	0.0532	U	-	-	0.0572	U	-	-
PCBs, Total	1336-36-3	3.2	mg/kg	-	-	-	-	-	-	0.0563	U	-	-	-	-	0.0134	J	-	-	-	-	0.00632	J	0.0532	U	-	-	0.0572	U	-	-
Semivolatile Organics by GC/MS																															
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.19	U	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.19	U	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.19	U	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.19	U	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.19	U	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.028	U	-	-	0.13	U	0.028	U	0.028	U	-	-	0.14	U	0.14	U	0.03	U	-	-	0.028	U	0.036	U	0.028	U	0.029	U
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.19	U	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	0.11	U	-	-	0.53	U	0.11	U	0.11	U	-	-	0.58	U	0.58	U	0.12	U	-	-	0.11	U	0.14	U	0.11	U	0.12	U
2,4-Dichlorophenol	120-83-2	~	mg/kg	0.17	U	-	-	0.8	U	0.16	U	0.17	U	-	-	0.87	U	0.87	U	0.18	U	-	-	0.17	U	0.21	U	0.17	U	0.18	U
2,4-Dimethylphenol	105-67-9	~	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.19	U	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
2,4-Dinitrophenol	51-28-5	~	mg/kg	0.91	U	-	-	4.3	U	0.88	U	0.9	U	-	-	4.6	U	4.7	U	0.96	U	-	-	0.9	U	1.1	U	0.9	U	0.94	U
2,4-Dinitrotoluene	121-14-2	~	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.19	U	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
2,6-Dinitrotoluene	606-20-2	~	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.19	U	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
2-Chloronaphthalene	91-58-7	~	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.19	U	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
2-Chlorophenol	95-57-8	~	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.19	U	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
2-Methylnaphthalene	91-57-6	~	mg/kg	0.28		-	-	1.1	U	0.22	U	0.76		-	-	1.2	U	1.2	U	0.11	J	-	-	0.22	U	0.29		0.22	U	0.033	J
2-Methylphenol	95-48-7	0.33	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.039	J	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U

Table 3.2
Endpoint Analytical Data (4 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-103-121323 (4'-4.5')		EP-103-121323 (4'-4.5')		EP-104-120623		EP-104-121423 (4-4.5')		EP-105-121423 (4-4.5')		EP-105-121423 (4-4.5')		EP-106-120723 (4'-4.5')		EP-107-120723 (4'-4.5')		EP-108-120823 (4'-4.5')		EP-108-120823 (4'-4.5')		EP-109-121223 (4'-4.5')		EP-110-121223 (4'-4.5')		EP-111-121423 (4-4.5')		EP-112-121223 (4'-4.5')	
SAMPLING DATE				12/13/2023		12/13/2023		12/6/2023		12/14/2023		12/14/2023		12/14/2023		12/7/2023		12/7/2023		12/8/2023		12/8/2023		12/12/2023		12/12/2023		12/14/2023		12/12/2023	
LAB SAMPLE ID				L2373604-03		L2373604-03 R1		L2371861-09		L2373947-07		L2373947-08		L2373947-08 R1		L2372282-01		L2372282-02		L2372748-10		L2414680-07		L2373251-02		L2373251-01		L2373947-03		L2373251-08	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Nitroaniline	88-74-4	~	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.19	U	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
2-Nitrophenol	88-75-5	~	mg/kg	0.41	U	-	-	1.9	U	0.4	U	0.41	U	-	-	2.1	U	2.1	U	0.43	U	-	-	0.4	U	0.51	U	0.4	U	0.42	U
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.19	U	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44	0.33	mg/kg	0.061	J	-	-	1.3	U	0.26	U	0.12	J	-	-	1.4	U	1.4	U	0.039	J	-	-	0.27	U	0.076	J	0.27	U	0.28	U
3-Nitroaniline	99-09-2	~	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.19	U	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	0.49	U	-	-	2.3	U	0.48	U	0.49	U	-	-	2.5	U	2.5	U	0.52	U	-	-	0.48	U	0.62	U	0.49	U	0.51	U
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.19	U	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
4-Chloroaniline	106-47-8	~	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.19	U	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.19	U	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
4-Nitroaniline	100-01-6	~	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.19	U	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
4-Nitrophenol	100-02-7	~	mg/kg	0.27	U	-	-	1.2	U	0.26	U	0.26	U	-	-	1.4	U	1.4	U	0.28	U	-	-	0.26	U	0.33	U	0.26	U	0.27	U
Acenaphthene	83-32-9	98	mg/kg	0.81		-	-	0.098	J	0.029	J	2.4		-	-	0.78	U	0.26	J	0.19		-	-	0.15	U	0.42		0.15	U	0.088	J
Acenaphthylene	208-96-8	107	mg/kg	0.39		-	-	0.71	U	0.15	U	1.4		-	-	0.78	U	0.28	J	0.34		-	-	0.15	U	0.17	J	0.15	U	0.049	J
Acetophenone	98-86-2	~	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.19	U	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
Anthracene	120-12-7	1000	mg/kg	2.5		-	-	0.28	J	0.14		5.1		-	-	0.58	U	0.76		0.74		-	-	0.038	J	0.82		0.11	U	0.2	
Benzo(a)anthracene	56-55-3	1	mg/kg	**6.5**		-	-	**1.2**		0.52		**15**	E	**14**		0.49	J	**2**		**2.8**		-	-	0.073	J	**1.8**		0.1	J	0.51	
Benzo(a)pyrene	50-32-8	22	mg/kg	6.1		-	-	1.3		0.56		12	E	14		0.61	J	2		2.8		-	-	0.068	J	1.8		0.095	J	0.58	
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	**7.3**		-	-	1.5		0.56		**16**	E	**17**		0.58		**2.3**		**3.2**		-	-	0.069	J	**2**		0.11		0.62	
Benzo(ghi)perylene	191-24-2	1000	mg/kg	3.3		-	-	0.8		0.25		8	E	8.8		0.38	J	1.2		1.7		-	-	0.031	J	0.91		0.045	J	0.28	
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	1.6		-	-	0.42	J	0.22		**3.2**		-	-	0.18	J	0.88		1.1		-	-	0.11	U	0.65		0.037	J	0.23	
Benzoic Acid	65-85-0	~	mg/kg	0.62	U	-	-	2.9	U	0.59	U	0.61	U	-	-	3.1	U	3.1	U	0.65	U	-	-	0.6	U	0.77	U	0.61	U	0.63	U
Benzyl Alcohol	100-51-6	~	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.19	U	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
Biphenyl	92-52-4	~	mg/kg	0.092	J	-	-	2	U	0.42	U	0.22	J	-	-	2.2	U	2.2	U	0.036	J	-	-	0.42	U	0.059	J	0.43	U	0.45	U
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	0.2	U	-	-	0.96	U	0.2	U	0.2	U	-	-	1	U	1	U	0.22	U	-	-	0.2	U	0.26	U	0.2	U	0.21	U
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	0.17	U	-	-	0.8	U	0.16	U	0.17	U	-	-	0.87	U	0.87	U	0.18	U	-	-	0.17	U	0.21	U	0.17	U	0.18	U
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	0.23	U	-	-	1.1	U	0.22	U	0.23	U	-	-	1.2	U	1.2	U	0.24	U	-	-	0.22	U	0.28	U	0.22	U	0.24	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.19	U	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
Butyl benzyl phthalate	85-68-7	~	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.19	U	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
Carbazole	86-74-8	~	mg/kg	0.7		-	-	0.093	J	0.03	J	2.2		-	-	0.97	U	0.28	J	0.23		-	-	0.19	U	0.32		0.19	U	0.078	J
Chrysene	218-01-9	1	mg/kg	**5.6**		-	-	**1.1**		0.5		**12**	E	**13**		0.49	J	**1.9**		**2.6**		-	-	0.07	J	**1.8**		0.092	J	0.48	
Di-n-butylphthalate	84-74-2	~	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.19	U	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
Di-n-octylphthalate	117-84-0	~	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.19	U	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	0.68		-	-	0.19	J	0.072	J	1.6		-	-	0.58	U	0.27	J	0.4		-	-	0.11	U	0.23		0.11	U	0.07	J
Dibenzofuran	132-64-9	210	mg/kg	0.55		-	-	0.89	U	0.18	U	1.4		-	-	0.97	U	0.19	J	0.15	J	-	-	0.19	U	0.3		0.19	U	0.055	J
Diethyl phthalate	84-66-2	~	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.19	U	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
Dimethyl phthalate	131-11-3	~	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.19	U	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
Fluoranthene	206-44-0	1000	mg/kg	12	E	13		2.2		1		20	E	30		0.84		4.6		5.5		-	-	0.16		3.8		0.17		1.1	
Fluorene	86-73-7	386	mg/kg	0.96		-	-	0.098	J	0.028	J	2		-	-	0.97	U	0.26	J	0.18	J	-	-	0.19	U	0.36		0.19	U	0.081	J
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.11	U	-	-	0.53	U	0.11	U	0.11	U	-	-	0.58	U	0.58	U	0.12	U	-	-	0.11	U	0.14	U	0.11	U	0.12	U
Hexachlorobutadiene	87-68-3	~	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.19	U	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	0.54	U	-	-	2.5	U	0.52	U	0.54	U	-	-	2.8	U	2.8	U	0.57	U	-	-	0.53	U	0.68	U	0.54	U	0.56	U
Hexachloroethane	67-72-1	~	mg/kg	0.15	U	-	-	0.71	U	0.15	U	0.15	U	-	-	0.78	U	0.78	U	0.16	U	-	-	0.15	U	0.19	U	0.15	U	0.16	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	3.6		-	-	0.7	J	0.24		**9.6**	E	7.6		0.34	J	1.2		1.5		-	-	0.033	J	0.95		0.051	J	0.31	
Isophorone	78-59-1	~	mg/kg	0.17	U	-	-	0.8	U	0.16	U	0.17	U	-	-	0.87	U	0.87	U	0.18	U	-	-	0.17	U	0.21	U	0.17	U	0.18	U
n-Nitrosodi-n-propylamine	621-64-7	~	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.19	U	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
Naphthalene	91-20-3	12	mg/kg	0.53		-	-	0.89	U	0.18	U	1.3		-	-	0.97	U	0.23	J	0.21		-	-	0.19	U	0.62		0.19	U	0.079	J
NDPA/DPA	86-30-6	~	mg/kg	0.15	U	-	-	0.71	U	0.15	U	0.15	U	-	-	0.78	U	0.78	U	0.16	U	-	-	0.15	U	0.19	U	0.15	U	0.16	U
Nitrobenzene	98-95-3	~	mg/kg	0.17	U	-	-	0.8	U	0.16	U	0.17	U	-	-	0.87	U	0.87	U	0.18	U	-	-	0.17	U	0.21	U	0.17	U	0.18	U
p-Chloro-m-cresol	59-50-7	~	mg/kg	0.19	U	-	-	0.89	U	0.18	U	0.19	U	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
Pentachlorophenol	87-86-5	0.8	mg/kg	0.15	U	-	-	0.71	U	0.15	U	0.15	U	-	-	0.78	U	0.78	U	0.16	U	-	-	0.15	U	0.19	U	0.15	U	0.16	U
Phenanthrene	85-01-8	1000	mg/kg	8.9	E	8.9		1		0.46		17	E	22		0.59		3.1		2.8		-	-	0.13		3.2		0.094	J	0.82	
Phenol	108-95-2	0.33	mg/kg	0.03	J	-	-	0.89	U	0.18	U	0.085	J	-	-	0.97	U	0.97	U	0.2	U	-	-	0.19	U	0.24	U	0.19	U	0.2	U
Pyrene	129-00-0	1000	mg/kg	12	E	12		2		0.89		18	E	26		0.82		3.6		5		-	-	0.13		3.3		0.15		0.99	
Total Metals																															
Aluminum, Total	7429-90-5	~	mg/kg	-	-	-	-	-	-	4760		-	-	-	-	8080		-	-	-	-	8040		3530		-	-	5390		-	-
Antimony, Total	7440-36-0	~	mg/kg	-	-	-	-	-	-	0.206	J	-	-	-	-	1.85	J	-	-	-	-	11.2	J	0.284	J	-	-	1.24	J	-	-
Arsenic, Total	7440-38-2	16	mg/kg	5.67		-	-	6.17		3.84		15		-	-	5.26		**18.7**		14.3		-	-	2.5		9.08		4.9		5.54	
Barium, Total	7440-39-3	820	mg/kg	-	-	-	-	-	-	44.2		-	-	-	-	65.3		-	-	-	-	292		26.6		-	-	87.8		-	-
Beryllium, Total	7440-41-7	47	mg/kg	-	-	-	-	-	-	0.287		-	-	-	-	0.496		-	-	-	-	0.568	J	0.332		-	-	0.31		-	-
Cadmium, Total	7440-43-9	7.5	mg/kg	-	-	-	-	-	-	0.436	U	-	-	-	-	0.137	J	-	-	-	-	0.373	J	0.439	U	-	-	0.453	U	-	-
Calcium, Total	7440-70-2	~	mg/kg	-	-	-	-	-	-	2610		-	-	-	-	3420		-	-	-	-	18600		1200		-	-	3010		-	-
Chromium, Total	7440-47-3	~	mg/kg	-	-	-	-	-	-	8.57		-	-	-	-	17		-	-	-	-	17.1		8.88		-	-	9.75		-	-
Cobalt, Total	7440-48-4	~	mg/kg	-	-	-	-	-	-	3.63		-	-	-	-	5.79		-	-	-	-	6.33		4.48		-	-	4.23		-	-
Copper, Total	7440-50-8	1720	mg/kg	-	-	-	-	-	-	14.4		-	-	-	-	27.2		-	-	-	-	68.1		14.3		-	-	19		-	-
Iron, Total	7439-89-6	~	mg/kg	-	-	-	-	-	-	9060		-	-	-	-	11400		-	-	-	-	21300		8670		-	-	8850		-	-
Lead, Total	7439-92-1	450	mg/kg	-	-	-	-	-	-	86.8		-	-	-	-	137		-	-	-	-	**2360**		7.48		-	-	216		-	-
Magnesium, Total	7439-95-4	~	mg/kg	-	-	-	-	-	-	1720		-	-	-	-	3070		-	-	-	-	2490		2100		-	-	1420		-	-
Manganese, Total	7439-96-5	2000	mg/kg	-	-	-	-	-	-	119		-	-	-	-	167		-	-	-	-	251		92.3		-	-	177		-	-
Mercury, Total	7439-97-6	0.73	mg/kg	-	-	-	-	-	-	0.366		-	-	-	-	0.109		-	-	-	-	**1.5**		0.073	U	-	-	**2.6**		-	-
Nickel, Total	7440-02-0	130	mg/kg	-	-	-	-	-	-	10.2		-	-	-	-	20.9		-	-	-	-	19.3		7.54		-	-	12		-	-
Potassium, Total	7440-09-7	~	mg/kg	-	-	-	-	-	-	511		-	-	-	-	1080		-	-	-	-	700		634		-	-	560		-	-
Selenium, Total	7782-49-2	4	mg/kg	-	-	-	-	-	-	0.287	J	-	-	-	-	0.138	J	-	-	-	-	0.82	J	0.181	J	-	-	0.283	J	-	-
Silver, Total	7440-22-4	8.3	mg/kg	-	-	-	-	-	-	0.132	J	-	-	-	-	0.226	U	-	-	-	-	1.18	U	0.22	U	-	-	0.179	J	-	-
Sodium, Total	7440-23-5	~	mg/kg	-	-	-	-	-	-	160		-	-	-	-	142		-	-	-	-	195	J	92.5		-	-	152		-	-
Thallium, Total	7440-28-0	~	mg/kg	-	-	-	-	-	-	0.143	J	-	-	-	-	0.277	J	-	-	-	-	4.72	U	0.416	J	-	-	0.907	U	-	-
Vanadium, Total	7440-62-2	~	mg/kg	-	-	-	-	-	-	13.2		-	-	-	-	21.7		-	-	-	-	21		20.4		-	-	14.6		-	-
Zinc, Total	7440-66-6	2480	mg/kg	-	-	-	-	-	-	36.9		-	-	-	-	74.4		-	-	-	-	231		68.4		-	-	71.2		-	-
Volatile Organics by EPA 5035																															
1,1,1,2-Tetrachloroethane	630-20-6	~	mg/kg	-	-	-	-	-	-	0.00064	U	-	-	-	-	0.00049	U	-	-	-	-	0.00064	U	0.00045	U	-	-	0.00058	U	-	-
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	-	-	-	-	-	-	0.00064	U	-	-	-	-	0.00049	U	-	-	-	-	0.00064	U	0.00045	U	-	-	0.00058	U	-	-

Table 3.2
Endpoint Analytical Data (4 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-103-121323 (4'-4.5')		EP-103-121323 (4'-4.5')		EP-104-120623		EP-104-121423 (4-4.5')		EP-105-121423 (4-4.5')		EP-105-121423 (4-4.5')		EP-106-120723 (4'-4.5')		EP-107-120723 (4'-4.5')		EP-108-120823 (4'-4.5')		EP-108-120823 (4'-4.5')		EP-109-121223 (4'-4.5')		EP-110-121223 (4'-4.5')		EP-111-121423 (4-4.5')		EP-112-121223 (4'-4.5')	
SAMPLING DATE				12/13/2023		12/13/2023		12/6/2023		12/14/2023		12/14/2023		12/14/2023		12/7/2023		12/7/2023		12/8/2023		12/8/2023		12/12/2023		12/12/2023		12/14/2023		12/12/2023	
LAB SAMPLE ID				L2373604-03		L2373604-03 R1		L2371861-09		L2373947-07		L2373947-08		L2373947-08 R1		L2372282-01		L2372282-02		L2372748-10		L2414680-07		L2373251-02		L2373251-01		L2373947-03		L2373251-08	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1,2,2-Tetrachloroethane	79-34-5	~	mg/kg	-	-	-	-	-	-	0.00064	U	-	-	-	-	0.00049	U	-	-	-	-	0.00064	U	0.00045	U	-	-	0.00058	U	-	-
1,1,2-Trichloroethane	79-00-5	~	mg/kg	-	-	-	-	-	-	0.0013	U	-	-	-	-	0.00098	U	-	-	-	-	0.0013	U	0.00091	U	-	-	0.0012	U	-	-
1,1-Dichloroethane	75-34-3	0.27	mg/kg	-	-	-	-	-	-	0.0013	U	-	-	-	-	0.00098	U	-	-	-	-	0.0013	U	0.00091	U	-	-	0.0012	U	-	-
1,1-Dichloroethene	75-35-4	0.33	mg/kg	-	-	-	-	-	-	0.0013	U	-	-	-	-	0.00098	U	-	-	-	-	0.0013	U	0.00091	U	-	-	0.0012	U	-	-
1,1-Dichloropropene	563-58-6	~	mg/kg	-	-	-	-	-	-	0.00064	U	-	-	-	-	0.00049	U	-	-	-	-	0.00064	U	0.00045	U	-	-	0.00058	U	-	-
1,2,3-Trichlorobenzene	87-61-6	~	mg/kg	-	-	-	-	-	-	0.0026	U	-	-	-	-	0.002	U	-	-	-	-	0.0025	U	0.0018	U	-	-	0.0023	U	-	-
1,2,3-Trichloropropane	96-18-4	~	mg/kg	-	-	-	-	-	-	0.0026	U	-	-	-	-	0.002	U	-	-	-	-	0.0025	U	0.0018	U	-	-	0.0023	U	-	-
1,2,4,5-Tetramethylbenzene	95-93-2	~	mg/kg	-	-	-	-	-	-	0.0026	U	-	-	-	-	0.002	U	-	-	-	-	0.0025	U	0.0018	U	-	-	0.0023	U	-	-
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	-	-	-	-	-	-	0.0026	U	-	-	-	-	0.002	U	-	-	-	-	0.0025	U	0.0018	U	-	-	0.0023	U	-	-
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	-	-	-	-	-	-	0.0026	U	-	-	-	-	0.002	U	-	-	-	-	0.0025	U	0.0018	U	-	-	0.0023	U	-	-
1,2-Dibromo-3-chloropropane	96-12-8	~	mg/kg	-	-	-	-	-	-	0.0039	U	-	-	-	-	0.0029	U	-	-	-	-	0.0038	U	0.0027	U	-	-	0.0035	U	-	-
1,2-Dibromoethane	106-93-4	~	mg/kg	-	-	-	-	-	-	0.0013	U	-	-	-	-	0.00098	U	-	-	-	-	0.0013	U	0.00091	U	-	-	0.0012	U	-	-
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	-	-	-	-	0.0026	U	-	-	-	-	0.002	U	-	-	-	-	0.0025	U	0.0018	U	-	-	0.0023	U	-	-
1,2-Dichloroethane	107-06-2	0.02	mg/kg	-	-	-	-	-	-	0.0013	U	-	-	-	-	0.00098	U	-	-	-	-	0.0013	U	0.00091	U	-	-	0.0012	U	-	-
1,2-Dichloroethene, Total	540-59-0	~	mg/kg	-	-	-	-	-	-	0.0013	U	-	-	-	-	0.00098	U	-	-	-	-	0.0013	U	0.00091	U	-	-	0.0012	U	-	-
1,2-Dichloropropane	78-87-5	~	mg/kg	-	-	-	-	-	-	0.0013	U	-	-	-	-	0.00098	U	-	-	-	-	0.0013	U	0.00091	U	-	-	0.0012	U	-	-
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	-	-	-	-	-	-	0.0026	U	-	-	-	-	0.002	U	-	-	-	-	0.0025	U	0.0018	U	-	-	0.0023	U	-	-
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	-	-	-	-	0.0026	U	-	-	-	-	0.002	U	-	-	-	-	0.0025	U	0.0018	U	-	-	0.0023	U	-	-
1,3-Dichloropropane	142-28-9	~	mg/kg	-	-	-	-	-	-	0.0026	U	-	-	-	-	0.002	U	-	-	-	-	0.0025	U	0.0018	U	-	-	0.0023	U	-	-
1,3-Dichloropropene, Total	542-75-6	~	mg/kg	-	-	-	-	-	-	0.00064	U	-	-	-	-	0.00049	U	-	-	-	-	0.00064	U	0.00045	U	-	-	0.00058	U	-	-
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	-	-	-	-	0.0026	U	-	-	-	-	0.002	U	-	-	-	-	0.0025	U	0.0018	U	-	-	0.0023	U	-	-
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	-	-	-	-	0.1	U	-	-	-	-	0.078	U	-	-	-	-	0.1	U	0.073	U	-	-	0.092	U	-	-
2,2-Dichloropropane	594-20-7	~	mg/kg	-	-	-	-	-	-	0.0026	U	-	-	-	-	0.002	U	-	-	-	-	0.0025	U	0.0018	U	-	-	0.0023	U	-	-
2-Butanone	78-93-3	0.12	mg/kg	-	-	-	-	-	-	0.013	U	-	-	-	-	0.0098	U	-	-	-	-	0.013	U	0.0091	U	-	-	0.012	U	-	-
2-Hexanone	591-78-6	~	mg/kg	-	-	-	-	-	-	0.013	U	-	-	-	-	0.0098	U	-	-	-	-	0.013	U	0.0091	U	-	-	0.012	U	-	-
4-Methyl-2-pentanone	108-10-1	~	mg/kg	-	-	-	-	-	-	0.013	U	-	-	-	-	0.0098	U	-	-	-	-	0.013	U	0.0091	U	-	-	0.012	U	-	-
Acetone	67-64-1	0.05	mg/kg	-	-	-	-	-	-	0.013	U	-	-	-	-	0.0052	J	-	-	-	-	0.013	U	0.0091	U	-	-	0.012	U	-	-
Acrylonitrile	107-13-1	~	mg/kg	-	-	-	-	-	-	0.0052	U	-	-	-	-	0.0039	U	-	-	-	-	0.0051	U	0.0036	U	-	-	0.0046	U	-	-
Benzene	71-43-2	0.06	mg/kg	-	-	-	-	-	-	0.00064	U	-	-	-	-	0.00049	U	-	-	-	-	0.00064	U	0.00045	U	-	-	0.00058	U	-	-
Bromobenzene	108-86-1	~	mg/kg	-	-	-	-	-	-	0.0026	U	-	-	-	-	0.002	U	-	-	-	-	0.0025	U	0.0018	U	-	-	0.0023	U	-	-
Bromochloromethane	74-97-5	~	mg/kg	-	-	-	-	-	-	0.0026	U	-	-	-	-	0.002	U	-	-	-	-	0.0025	U	0.0018	U	-	-	0.0023	U	-	-
Bromodichloromethane	75-27-4	~	mg/kg	-	-	-	-	-	-	0.00064	U	-	-	-	-	0.00049	U	-	-	-	-	0.00064	U	0.00045	U	-	-	0.00058	U	-	-
Bromoform	75-25-2	~	mg/kg	-	-	-	-	-	-	0.0052	U	-	-	-	-	0.0039	U	-	-	-	-	0.0051	U	0.0036	U	-	-	0.0046	U	-	-
Bromomethane	74-83-9	~	mg/kg	-	-	-	-	-	-	0.0026	U	-	-	-	-	0.002	U	-	-	-	-	0.00096	J	0.0018	U	-	-	0.0023	U	-	-
Carbon disulfide	75-15-0	~	mg/kg	-	-	-	-	-	-	0.013	U	-	-	-	-	0.0098	U	-	-	-	-	0.013	U	0.0091	U	-	-	0.012	U	-	-
Carbon tetrachloride	56-23-5	0.76	mg/kg	-	-	-	-	-	-	0.0013	U	-	-	-	-	0.00098	U	-	-	-	-	0.0013	U	0.00091	U	-	-	0.0012	U	-	-
Chlorobenzene	108-90-7	1.1	mg/kg	-	-	-	-	-	-	0.00064	U	-	-	-	-	0.00049	U	-	-	-	-	0.00064	U	0.00045	U	-	-	0.00058	U	-	-
Chloroethane	75-00-3	~	mg/kg	-	-	-	-	-	-	0.0026	U	-	-	-	-	0.002	U	-	-	-	-	0.0025	U	0.0018	U	-	-	0.0023	U	-	-
Chloroform	67-66-3	0.37	mg/kg	-	-	-	-	-	-	0.0019	U	-	-	-	-	0.0015	U	-	-	-	-	0.0018	J	0.0014	U	-	-	0.0017	U	-	-
Chloromethane	74-87-3	~	mg/kg	-	-	-	-	-	-	0.0052	U	-	-	-	-	0.0039	U	-	-	-	-	0.0051	U	0.0036	U	-	-	0.0046	U	-	-
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	-	-	-	-	-	-	0.0013	U	-	-	-	-	0.00098	U	-	-	-	-	0.0013	U	0.00091	U	-	-	0.0012	U	-	-
cis-1,3-Dichloropropene	10061-01-5	~	mg/kg	-	-	-	-	-	-	0.00064	U	-	-	-	-	0.00049	U	-	-	-	-	0.00064	U	0.00045	U	-	-	0.00058	U	-	-
Dibromochloromethane	124-48-1	~	mg/kg	-	-	-	-	-	-	0.0013	U	-	-	-	-	0.00098	U	-	-	-	-	0.0013	U	0.00091	U	-	-	0.0012	U	-	-
Dibromomethane	74-95-3	~	mg/kg	-	-	-	-	-	-	0.0026	U	-	-	-	-	0.002	U	-	-	-	-	0.0025	U	0.0018	U	-	-	0.0023	U	-	-
Dichlorodifluoromethane	75-71-8	~	mg/kg	-	-	-	-	-	-	0.013	U	-	-	-	-	0.0098	U	-	-	-	-	0.013	U	0.0091	U	-	-	0.012	U	-	-
Ethyl ether	60-29-7	~	mg/kg	-	-	-	-	-	-	0.0026	U	-	-	-	-	0.002	U	-	-	-	-	0.0025	U	0.0018	U	-	-	0.0023	U	-	-
Ethylbenzene	100-41-4	1	mg/kg	-	-	-	-	-	-	0.0013	U	-	-	-	-	0.00098	U	-	-	-	-	0.0013	U	0.00091	U	-	-	0.0012	U	-	-
Hexachlorobutadiene	87-68-3	~	mg/kg	-	-	-	-	-	-	0.0052	U	-	-	-	-	0.0039	U	-	-	-	-	0.0051	U	0.0036	U	-	-	0.0046	U	-	-
Isopropylbenzene	98-82-8	~	mg/kg	-	-	-	-	-	-	0.0013	U	-	-	-	-	0.00098	U	-	-	-	-	0.0013	U	0.00091	U	-	-	0.0012	U	-	-
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	-	-	-	-	-	-	0.0026	U	-	-	-	-	0.002	U	-	-	-	-	0.0025	U	0.0018	U	-	-	0.0023	U	-	-
Methylene chloride	75-09-2	0.05	mg/kg	-	-	-	-	-	-	0.0064	U	-	-	-	-	0.0049	U	-	-	-	-	0.0064	U	0.0045	U	-	-	0.0058	U	-	-
n-Butylbenzene	104-51-8	12	mg/kg	-	-	-	-	-	-	0.0013	U	-	-	-	-	0.00098	U	-	-	-	-	0.0013	U	0.00091	U	-	-	0.0012	U	-	-
n-Propylbenzene	103-65-1	3.9	mg/kg	-	-	-	-	-	-	0.0013	U	-	-	-	-	0.00098	U	-	-	-	-	0.0013	U	0.00091	U	-	-	0.0012	U	-	-
Naphthalene	91-20-3	12	mg/kg	-	-	-	-	-	-	0.0052	U	-	-	-	-	0.0039	U	-	-	-	-	0.0051	U	0.0036	U	-	-	0.0046	U	-	-
o-Chlorotoluene	95-49-8	~	mg/kg	-	-	-	-	-	-	0.0026	U	-	-	-	-	0.002	U	-	-	-	-	0.0025	U	0.0018	U	-	-	0.0023	U	-	-
o-Xylene	95-47-6	~	mg/kg	-	-	-	-	-	-	0.0013	U	-	-	-	-	0.00098	U	-	-	-	-	0.0013	U	0.00091	U	-	-	0.0012	U	-	-
p-Chlorotoluene	106-43-4	~	mg/kg	-	-	-	-	-	-	0.0026	U	-	-	-	-	0.002	U	-	-	-	-	0.0025	U	0.0018	U	-	-	0.0023	U	-	-
p-Diethylbenzene	105-05-5	~	mg/kg	-	-	-	-	-	-	0.0026	U	-	-	-	-	0.002	U	-	-	-	-	0.0025	U	0.0018	U	-	-	0.0023	U	-	-
p-Ethyltoluene	622-96-8	~	mg/kg	-	-	-	-	-	-	0.0026	U	-	-	-	-	0.002	U	-	-	-	-	0.0025	U	0.0018	U	-	-	0.0023	U	-	-
p-Isopropyltoluene	99-87-6	~	mg/kg	-	-	-	-	-	-	0.0013	U	-	-	-	-	0.00098	U	-	-	-	-	0.0013	U	0.00091	U	-	-	0.0012	U	-	-
p/m-Xylene	179601-23-1	~	mg/kg	-	-	-	-	-	-	0.0026	U	-	-	-	-	0.002	U	-	-	-	-	0.0025	U	0.0018	U	-	-	0.0023	U	-	-
sec-Butylbenzene	135-98-8	11	mg/kg	-	-	-	-	-	-	0.0013	U	-	-	-	-	0.00098	U	-	-	-	-	0.0013	U	0.00091	U	-	-	0.0012	U	-	-
Styrene	100-42-5	~	mg/kg	-	-	-	-	-	-	0.0013	U	-	-	-	-	0.00098	U	-	-	-	-	0.0013	U	0.00091	U	-	-	0.0012	U	-	-
tert-Butylbenzene	98-06-6	5.9	mg/kg	-	-	-	-	-	-	0.0026	U	-	-	-	-	0.002	U	-	-	-	-	0.0025	U	0.0018	U	-	-	0.0023	U	-	-
Tetrachloroethene	127-18-4	1.3	mg/kg	-	-	-	-	-	-	0.00064	U	-	-	-	-	0.00049	U	-	-	-	-	0.00064	U	0.00045	U	-	-	0.00058	U	-	-
Toluene	108-88-3	0.7	mg/kg	-	-	-	-	-	-	0.0013	U	-	-	-	-	0.00098	U	-	-	-	-	0.0013	U	0.00091	U	-	-	0.0012	U	-	-
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	-	-	-	-	-	-	0.0019	U	-	-	-	-	0.0015	U	-	-	-	-	0.0019	U	0.0014	U	-	-	0.0017	U	-	-
trans-1,3-Dichloropropene	10061-02-6	~	mg/kg	-	-	-	-	-	-	0.0013	U	-	-	-	-	0.00098	U	-	-	-	-	0.0013	U	0.00091	U	-	-	0.0012	U	-	-
trans-1,4-Dichloro-2-butene	110-57-6	~	mg/kg	-	-	-	-	-	-	0.0064	U	-	-	-	-	0.0049	U	-	-	-	-	0.0064	U	0.0045	U	-	-	0.0058	U	-	-
Trichloroethene	79-01-6	0.47	mg/kg	-	-	-	-	-	-	0.00064	U	-	-	-	-	0.00049	U	-	-	-	-	0.00064	U	0.00045	U	-	-	0.00058	U	-	-
Trichlorofluoromethane	75-69-4	~	mg/kg	-	-	-	-	-	-	0.0052	U	-	-	-	-	0.0039	U	-	-	-	-	0.0051	U	0.0036	U	-	-	0.0046	U	-	-
Vinyl acetate	108-05-4	~	mg/kg	-	-	-	-	-	-	0.013	U	-	-	-	-	0.0098	U	-	-	-	-	0.013	U	0.0091	U	-	-	0.012	U	-	-
Vinyl chloride	75-01-4	0.02	mg/kg	-	-	-	-	-	-	0.0013	U	-	-	-	-	0.00098	U	-	-	-	-	0.0013	U	0.00091	U	-	-	0.0012	U	-	-
Xylenes, Total	1330-20-7	1.6	mg/kg	-	-	-	-	-	-	0.0013	U	-	-	-	-	0.00098	U	-	-	-	-	0.0013	U	0.00091	U	-	-	0.0012	U	-	-

* Comparison is not performed on parameters with non-numeric criteria.

NY-PG SCOs: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per

Table 3.2
Endpoint Analytical Data (4 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-112-121223 (4'-4.5')		EP-113-121323 (4'-4.5')		EP-113-121323 (4'-4.5')		EP-114-012924	
SAMPLING DATE				12/12/2023		12/13/2023		12/13/2023		1/29/2024	
LAB SAMPLE ID				L2401163-01		L2373604-04		L2373604-04 R1		L2404855-14	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry											
Chromium, Hexavalent	18540-29-9	19	mg/kg	-	-	0.892	U	-	-	0.208	J
Cyanide, Total	57-12-5	40	mg/kg	-	-	-	-	-	-	-	-
Solids, Total	NONE	~	%	84.9		89.7		-	-	86.5	
Organochlorine Pesticides by GC											
4,4'-DDD	72-54-8	14	mg/kg	0.00183	U	-	-	-	-	-	-
4,4'-DDE	72-55-9	17	mg/kg	0.000761	U	-	-	-	-	-	-
4,4'-DDT	50-29-3	136	mg/kg	0.000761	U	-	-	-	-	-	-
Aldrin	309-00-2	0.19	mg/kg	0.00183	U	-	-	-	-	-	-
Alpha-BHC	319-84-6	0.02	mg/kg	0.000914	U	-	-	-	-	-	-
Beta-BHC	319-85-7	0.09	mg/kg	0.00183	U	-	-	-	-	-	-
Chlordane	57-74-9	~	mg/kg	0.00343	U	-	-	-	-	-	-
cis-Chlordane	5103-71-9	2.9	mg/kg	0.000761	U	-	-	-	-	-	-
Delta-BHC	319-86-8	0.25	mg/kg	0.00228	U	-	-	-	-	-	-
Dieldrin	60-57-1	0.1	mg/kg	0.00183	U	-	-	-	-	-	-
Endosulfan I	959-98-8	102	mg/kg	0.00114	U	-	-	-	-	-	-
Endosulfan II	33213-65-9	102	mg/kg	0.00183	U	-	-	-	-	-	-
Endosulfan sulfate	1031-07-8	1000	mg/kg	0.00183	U	-	-	-	-	-	-
Endrin	72-20-8	0.06	mg/kg	0.00183	U	-	-	-	-	-	-
Endrin aldehyde	7421-93-4	~	mg/kg	0.00183	U	-	-	-	-	-	-
Endrin ketone	53494-70-5	~	mg/kg	0.00183	U	-	-	-	-	-	-
Heptachlor	76-44-8	0.38	mg/kg	0.000761	U	-	-	-	-	-	-
Heptachlor epoxide	1024-57-3	~	mg/kg	0.00343	U	-	-	-	-	-	-
Lindane	58-89-9	0.1	mg/kg	0.0343	U	-	-	-	-	-	-
Methoxychlor	72-43-5	~	mg/kg	0.00228	U	-	-	-	-	-	-
Toxaphene	8001-35-2	~	mg/kg	0.00228	U	-	-	-	-	-	-
trans-Chlordane	5103-74-2	~	mg/kg	0.0152	U	-	-	-	-	-	-
Perfluorinated Alkyl Acids by EPA 1633											
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	~	mg/kg	0.000797	U	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	~	mg/kg	0.000398	U	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA	2991-50-6	~	mg/kg	0.000199	U	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOS	2355-31-9	~	mg/kg	0.000199	U	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	0.000052	J	-	-	-	-	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	0.000199	U	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	0.000188	J	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	0.000322	J	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	0.000199	U	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	0.000199	U	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	0.00021		-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	0.000199	U	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	0.000797	U	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	0.000199	U	-	-	-	-	-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	0.000199	U	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	0.000199	U	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	0.000199	U	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	0.000199	U	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	0.000199	U	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	0.000199	U	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	0.000199	U	-	-	-	-	-	-
PFOA/PFOS, Total	null	~	mg/kg	0.000398	J	-	-	-	-	-	-
Polychlorinated Biphenyls by GC											
Aroclor 1016	12674-11-2	3.2	mg/kg	0.0538	U	-	-	-	-	-	-
Aroclor 1221	11104-28-2	3.2	mg/kg	0.0538	U	-	-	-	-	-	-
Aroclor 1232	11141-16-5	3.2	mg/kg	0.0538	U	-	-	-	-	-	-
Aroclor 1242	53469-21-9	3.2	mg/kg	0.0538	U	-	-	-	-	-	-
Aroclor 1248	12672-29-6	3.2	mg/kg	0.0538	U	-	-	-	-	-	-
Aroclor 1254	11097-69-1	3.2	mg/kg	0.0538	U	-	-	-	-	-	-
Aroclor 1260	11096-82-5	3.2	mg/kg	0.0538	U	-	-	-	-	-	-
Aroclor 1262	37324-23-5	3.2	mg/kg	0.0538	U	-	-	-	-	-	-
Aroclor 1268	11100-14-4	3.2	mg/kg	0.0538	U	-	-	-	-	-	-
PCBs, Total	1336-36-3	3.2	mg/kg	0.0538	U	-	-	-	-	-	-
Semivolatile Organics by GC/MS											
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	-	-	0.18	U	-	-	0.19	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	-	-	0.18	U	-	-	0.19	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	0.18	U	-	-	0.19	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	0.18	U	-	-	0.19	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	0.18	U	-	-	0.19	U
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	0.028	U	-	-	0.029	U
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	-	-	0.18	U	-	-	0.19	U
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	-	-	0.11	U	-	-	0.11	U
2,4-Dichlorophenol	120-83-2	~	mg/kg	-	-	0.17	U	-	-	0.17	U
2,4-Dimethylphenol	105-67-9	~	mg/kg	-	-	0.18	U	-	-	0.19	U
2,4-Dinitrophenol	51-28-5	~	mg/kg	-	-	0.89	U	-	-	0.92	U
2,4-Dinitrotoluene	121-14-2	~	mg/kg	-	-	0.18	U	-	-	0.19	U
2,6-Dinitrotoluene	606-20-2	~	mg/kg	-	-	0.18	U	-	-	0.19	U
2-Chloronaphthalene	91-58-7	~	mg/kg	-	-	0.18	U	-	-	0.19	U
2-Chlorophenol	95-57-8	~	mg/kg	-	-	0.18	U	-	-	0.19	U
2-Methylnaphthalene	91-57-6	~	mg/kg	-	-	0.25		-	-	0.067	J
2-Methylphenol	95-48-7	0.33	mg/kg	-	-	0.18	U	-	-	0.19	U

Table 3.2
Endpoint Analytical Data (4 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-112-121223 (4'-4.5')		EP-113-121323 (4'-4.5')		EP-113-121323 (4'-4.5')		EP-114-012924	
SAMPLING DATE				12/12/2023		12/13/2023		12/13/2023		1/29/2024	
LAB SAMPLE ID				L2401163-01		L2373604-04		L2373604-04 R1		L2404855-14	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual
2-Nitroaniline	88-74-4	~	mg/kg	-	-	0.18	U	-	-	0.19	U
2-Nitrophenol	88-75-5	~	mg/kg	-	-	0.4	U	-	-	0.41	U
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	-	-	0.18	U	-	-	0.19	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44	0.33	mg/kg	-	-	0.052	J	-	-	0.27	U
3-Nitroaniline	99-09-2	~	mg/kg	-	-	0.18	U	-	-	0.19	U
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	-	-	0.48	U	-	-	0.5	U
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	-	-	0.18	U	-	-	0.19	U
4-Chloroaniline	106-47-8	~	mg/kg	-	-	0.18	U	-	-	0.19	U
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	-	-	0.18	U	-	-	0.19	U
4-Nitroaniline	100-01-6	~	mg/kg	-	-	0.18	U	-	-	0.19	U
4-Nitrophenol	100-02-7	~	mg/kg	-	-	0.26	U	-	-	0.27	U
Acenaphthene	83-32-9	98	mg/kg	-	-	0.87		-	-	0.24	
Acenaphthylene	208-96-8	107	mg/kg	-	-	0.69		-	-	0.34	
Acetophenone	98-86-2	~	mg/kg	-	-	0.18	U	-	-	0.19	U
Anthracene	120-12-7	1000	mg/kg	-	-	2.8		-	-	0.89	
Benzo(a)anthracene	56-55-3	1	mg/kg	-	-	**7.4**		-	-	**3**	
Benzo(a)pyrene	50-32-8	22	mg/kg	-	-	6.9		-	-	3.1	
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	-	-	**8.6**		**8.7**	E	**3.9**	
Benzo(ghi)perylene	191-24-2	1000	mg/kg	-	-	4		-	-	1.9	
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	-	-	**1.9**		-	-	1	
Benzoic Acid	65-85-0	~	mg/kg	-	-	0.6	U	-	-	0.62	U
Benzyl Alcohol	100-51-6	~	mg/kg	-	-	0.18	U	-	-	0.19	U
Biphenyl	92-52-4	~	mg/kg	-	-	0.076	J	-	-	0.43	U
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	-	-	0.2	U	-	-	0.21	U
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	-	-	0.17	U	-	-	0.17	U
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	-	-	0.22	U	-	-	0.23	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	-	-	0.11	J	-	-	0.19	U
Butyl benzyl phthalate	85-68-7	~	mg/kg	-	-	0.18	U	-	-	0.19	U
Carbazole	86-74-8	~	mg/kg	-	-	0.86		-	-	0.36	
Chrysene	218-01-9	1	mg/kg	-	-	**6.4**		-	-	**2.9**	
Di-n-butylphthalate	84-74-2	~	mg/kg	-	-	0.18	U	-	-	0.19	U
Di-n-octylphthalate	117-84-0	~	mg/kg	-	-	0.18	U	-	-	0.19	U
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	-	-	0.82		-	-	0.43	
Dibenzofuran	132-64-9	210	mg/kg	-	-	0.52		-	-	0.14	J
Diethyl phthalate	84-66-2	~	mg/kg	-	-	0.18	U	-	-	0.19	U
Dimethyl phthalate	131-11-3	~	mg/kg	-	-	0.18	U	-	-	0.19	U
Fluoranthene	206-44-0	1000	mg/kg	-	-	15		14	E	5.6	
Fluorene	86-73-7	386	mg/kg	-	-	1		-	-	0.25	
Hexachlorobenzene	118-74-1	3.2	mg/kg	-	-	0.11	U	-	-	0.11	U
Hexachlorobutadiene	87-68-3	~	mg/kg	-	-	0.18	U	-	-	0.19	U
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	-	-	0.53	U	-	-	0.54	U
Hexachloroethane	67-72-1	~	mg/kg	-	-	0.15	U	-	-	0.15	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	-	-	4.5		-	-	2	
Isophorone	78-59-1	~	mg/kg	-	-	0.17	U	-	-	0.17	U
n-Nitrosodi-n-propylamine	621-64-7	~	mg/kg	-	-	0.18	U	-	-	0.19	U
Naphthalene	91-20-3	12	mg/kg	-	-	0.44		-	-	0.15	J
NDPA/DPA	86-30-6	~	mg/kg	-	-	0.15	U	-	-	0.15	U
Nitrobenzene	98-95-3	~	mg/kg	-	-	0.17	U	-	-	0.17	U
p-Chloro-m-cresol	59-50-7	~	mg/kg	-	-	0.18	U	-	-	0.19	U
Pentachlorophenol	87-86-5	0.8	mg/kg	-	-	0.15	U	-	-	0.15	U
Phenanthrene	85-01-8	1000	mg/kg	-	-	10		9.8	E	3.1	
Phenol	108-95-2	0.33	mg/kg	-	-	0.032	J	-	-	0.19	U
Pyrene	129-00-0	1000	mg/kg	-	-	13		12	E	4.8	
Total Metals											
Aluminum, Total	7429-90-5	~	mg/kg	5750		-	-	-	-	-	-
Antimony, Total	7440-36-0	~	mg/kg	4.42	U	-	-	-	-	-	-
Arsenic, Total	7440-38-2	16	mg/kg	5.02		5.68		-	-	3.57	-
Barium, Total	7440-39-3	820	mg/kg	44.9		-	-	-	-	-	-
Beryllium, Total	7440-41-7	47	mg/kg	0.349	J	-	-	-	-	-	-
Cadmium, Total	7440-43-9	7.5	mg/kg	0.885	U	-	-	-	-	-	-
Calcium, Total	7440-70-2	~	mg/kg	11500		-	-	-	-	-	-
Chromium, Total	7440-47-3	~	mg/kg	11.8		-	-	-	-	-	-
Cobalt, Total	7440-48-4	~	mg/kg	5.3		-	-	-	-	-	-
Copper, Total	7440-50-8	1720	mg/kg	20		-	-	-	-	-	-
Iron, Total	7439-89-6	~	mg/kg	13000		-	-	-	-	-	-
Lead, Total	7439-92-1	450	mg/kg	151		-	-	-	-	-	-
Magnesium, Total	7439-95-4	~	mg/kg	2650		-	-	-	-	-	-
Manganese, Total	7439-96-5	2000	mg/kg	275		-	-	-	-	-	-
Mercury, Total	7439-97-6	0.73	mg/kg	0.56		-	-	-	-	-	-
Nickel, Total	7440-02-0	130	mg/kg	19.1		-	-	-	-	-	-
Potassium, Total	7440-09-7	~	mg/kg	737		-	-	-	-	-	-
Selenium, Total	7782-49-2	4	mg/kg	0.249	J	-	-	-	-	-	-
Silver, Total	7440-22-4	8.3	mg/kg	0.431	J	-	-	-	-	-	-
Sodium, Total	7440-23-5	~	mg/kg	103	J	-	-	-	-	-	-
Thallium, Total	7440-28-0	~	mg/kg	1.77	U	-	-	-	-	-	-
Vanadium, Total	7440-62-2	~	mg/kg	20.6		-	-	-	-	-	-
Zinc, Total	7440-66-6	2480	mg/kg	59		-	-	-	-	-	-
Volatile Organics by EPA 5035											
1,1,1,2-Tetrachloroethane	630-20-6	~	mg/kg	0.0049	U	-	-	-	-	-	-
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	0.00098	U	-	-	-	-	-	-

Table 3.2
Endpoint Analytical Data (4 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-112-121223 (4'-4.5')		EP-113-121323 (4'-4.5')		EP-113-121323 (4'-4.5')		EP-114-012924	
SAMPLING DATE				12/12/2023		12/13/2023		12/13/2023		1/29/2024	
LAB SAMPLE ID				L2401163-01		L2373604-04		L2373604-04 R1		L2404855-14	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1,2,2-Tetrachloroethane	79-34-5	~	mg/kg	0.0015	U	-	-	-	-	-	-
1,1,2-Trichloroethane	79-00-5	~	mg/kg	0.00098	U	-	-	-	-	-	-
1,1-Dichloroethane	75-34-3	0.27	mg/kg	0.00098	U	-	-	-	-	-	-
1,1-Dichloroethene	75-35-4	0.33	mg/kg	0.00098	U	-	-	-	-	-	-
1,1-Dichloropropene	563-58-6	~	mg/kg	0.00098	U	-	-	-	-	-	-
1,2,3-Trichlorobenzene	87-61-6	~	mg/kg	0.00049	U	-	-	-	-	-	-
1,2,3-Trichloropropane	96-18-4	~	mg/kg	0.00049	U	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene	95-93-2	~	mg/kg	0.0039	U	-	-	-	-	-	-
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.00098	U	-	-	-	-	-	-
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	0.00049	U	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane	96-12-8	~	mg/kg	0.00049	U	-	-	-	-	-	-
1,2-Dibromoethane	106-93-4	~	mg/kg	0.00098	U	-	-	-	-	-	-
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.00049	U	-	-	-	-	-	-
1,2-Dichloroethane	107-06-2	0.02	mg/kg	0.00049	U	-	-	-	-	-	-
1,2-Dichloroethene, Total	540-59-0	~	mg/kg	0.00049	U	-	-	-	-	-	-
1,2-Dichloropropane	78-87-5	~	mg/kg	0.0039	U	-	-	-	-	-	-
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	0.00049	U	-	-	-	-	-	-
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.00049	U	-	-	-	-	-	-
1,3-Dichloropropane	142-28-9	~	mg/kg	0.00098	U	-	-	-	-	-	-
1,3-Dichloropropene, Total	542-75-6	~	mg/kg	0.00098	U	-	-	-	-	-	-
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.0039	U	-	-	-	-	-	-
1,4-Dioxane	123-91-1	0.1	mg/kg	0.002	U	-	-	-	-	-	-
2,2-Dichloropropane	594-20-7	~	mg/kg	0.00098	U	-	-	-	-	-	-
2-Butanone	78-93-3	0.12	mg/kg	0.002	U	-	-	-	-	-	-
2-Hexanone	591-78-6	~	mg/kg	0.00098	U	-	-	-	-	-	-
4-Methyl-2-pentanone	108-10-1	~	mg/kg	0.0015	U	-	-	-	-	-	-
Acetone	67-64-1	0.05	mg/kg	0.00049	U	-	-	-	-	-	-
Acrylonitrile	107-13-1	~	mg/kg	0.002	U	-	-	-	-	-	-
Benzene	71-43-2	0.06	mg/kg	0.002	U	-	-	-	-	-	-
Bromobenzene	108-86-1	~	mg/kg	0.002	U	-	-	-	-	-	-
Bromochloromethane	74-97-5	~	mg/kg	0.002	U	-	-	-	-	-	-
Bromodichloromethane	75-27-4	~	mg/kg	0.002	U	-	-	-	-	-	-
Bromoform	75-25-2	~	mg/kg	0.00098	U	-	-	-	-	-	-
Bromomethane	74-83-9	~	mg/kg	0.00098	U	-	-	-	-	-	-
Carbon disulfide	75-15-0	~	mg/kg	0.00098	U	-	-	-	-	-	-
Carbon tetrachloride	56-23-5	0.76	mg/kg	0.00098	U	-	-	-	-	-	-
Chlorobenzene	108-90-7	1.1	mg/kg	0.002	U	-	-	-	-	-	-
Chloroethane	75-00-3	~	mg/kg	0.00098	U	-	-	-	-	-	-
Chloroform	67-66-3	0.37	mg/kg	0.0098	U	-	-	-	-	-	-
Chloromethane	74-87-3	~	mg/kg	0.0098	U	-	-	-	-	-	-
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	0.0098	U	-	-	-	-	-	-
cis-1,3-Dichloropropene	10061-01-5	~	mg/kg	0.0098	U	-	-	-	-	-	-
Dibromochloromethane	124-48-1	~	mg/kg	0.0098	U	-	-	-	-	-	-
Dibromomethane	74-95-3	~	mg/kg	0.0098	U	-	-	-	-	-	-
Dichlorodifluoromethane	75-71-8	~	mg/kg	0.002	U	-	-	-	-	-	-
Ethyl ether	60-29-7	~	mg/kg	0.0098	U	-	-	-	-	-	-
Ethylbenzene	100-41-4	1	mg/kg	0.002	U	-	-	-	-	-	-
Hexachlorobutadiene	87-68-3	~	mg/kg	0.002	U	-	-	-	-	-	-
Isopropylbenzene	98-82-8	~	mg/kg	0.00098	U	-	-	-	-	-	-
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	0.002	U	-	-	-	-	-	-
Methylene chloride	75-09-2	0.05	mg/kg	0.00049	U	-	-	-	-	-	-
n-Butylbenzene	104-51-8	12	mg/kg	0.002	U	-	-	-	-	-	-
n-Propylbenzene	103-65-1	3.9	mg/kg	0.00098	U	-	-	-	-	-	-
Naphthalene	91-20-3	12	mg/kg	0.00098	U	-	-	-	-	-	-
o-Chlorotoluene	95-49-8	~	mg/kg	0.002	U	-	-	-	-	-	-
o-Xylene	95-47-6	~	mg/kg	0.002	U	-	-	-	-	-	-
p-Chlorotoluene	106-43-4	~	mg/kg	0.002	U	-	-	-	-	-	-
p-Diethylbenzene	105-05-5	~	mg/kg	0.0029	U	-	-	-	-	-	-
p-Ethyltoluene	622-96-8	~	mg/kg	0.0039	U	-	-	-	-	-	-
p-Isopropyltoluene	99-87-6	~	mg/kg	0.00098	U	-	-	-	-	-	-
p/m-Xylene	179601-23-1	~	mg/kg	0.00098	U	-	-	-	-	-	-
sec-Butylbenzene	135-98-8	11	mg/kg	0.0039	U	-	-	-	-	-	-
Styrene	100-42-5	~	mg/kg	0.0039	U	-	-	-	-	-	-
tert-Butylbenzene	98-06-6	5.9	mg/kg	0.00098	U	-	-	-	-	-	-
Tetrachloroethene	127-18-4	1.3	mg/kg	0.002	U	-	-	-	-	-	-
Toluene	108-88-3	0.7	mg/kg	0.002	U	-	-	-	-	-	-
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	0.002	U	-	-	-	-	-	-
trans-1,3-Dichloropropene	10061-02-6	~	mg/kg	0.002	U	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	110-57-6	~	mg/kg	0.078	U	-	-	-	-	-	-
Trichloroethene	79-01-6	0.47	mg/kg	0.002	U	-	-	-	-	-	-
Trichlorofluoromethane	75-69-4	~	mg/kg	0.002	U	-	-	-	-	-	-
Vinyl acetate	108-05-4	~	mg/kg	0.002	U	-	-	-	-	-	-
Vinyl chloride	75-01-4	0.02	mg/kg	0.002	U	-	-	-	-	-	-
Xylenes, Total	1330-20-7	1.6	mg/kg	0.0049	U	-	-	-	-	-	-

* Comparison is not performed on parameters with non-numeric criteria.
NY-PG SCOs: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per

Table 3.3
Endpoint Analytical Data (6 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-1 090225 6'		EP-1 090225 6'		EP-2 090225 6'		EP-3 090225 6'		EP-3 090225 6'		EP-4 090825 (6')		EP-5 090825 (6')		EP-6 090825 (6')		EP-7 81925 6'		EP-8-08-14-25 6'		EP-8-08-14-25 6'		EP-9-08-14-25 6'		EP-10 08-12-25 (6')		EP-11-080625 (6')		EP-12-080625 (6')		EP-13-073125	
SAMPLING DATE				9/2/2025		9/2/2025		9/2/2025		9/2/2025		9/2/2025		9/8/2025		9/8/2025		9/8/2025		8/19/2025		8/14/2025		8/14/2025		8/14/2025		8/12/2025		8/6/2025		8/6/2025		7/31/2025	
LAB SAMPLE ID				L2554885-01		L2554885-01 R1		L2554885-02		L2554885-03		L2554885-03 R1		L2556204-03		L2556204-03		L2556204-03		L2552233-01		L2551215-01		L2551215-01 R1		L2551215-02		L2550530-01		L2549302-02		L2549302-01		L2548019-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																																			
Chromium, Hexavalent	18540-29-9	19	mg/kg	0.375	J	-	-	0.472	J	0.915	U	-	-	0.974	U	0.97	U	0.968	U	0.928	U	0.351	J	-	-	0.976	U	0.912	U	0.967	U	1.13	U	1.02	U
Cyanide, Total	57-12-5	40	mg/kg	0.63	J	-	-	0.58	J	0.69	J	-	-	0.41	J	1.2	U	1.2	U	1.1	U	1.1	U	-	-	1.2	U	1	U	1.1	U	1.3	U	1.2	U
Solids, Total	NONE	~	%	74.7		-	-	80.5		87.4		-	-	82.1		82.5		82.6		86.2		82.6		-	-	82		87.7		82.7		70.6		78.2	
Organochlorine Pesticides by GC																																			
4,4'-DDD	72-54-8	14	mg/kg	0.00208	U	-	-	0.00192	U	0.00176	U	-	-	0.00194	U	0.00184	U	0.0052		0.00962		0.00881		-	-	0.00147	JIP	0.00615	IP	0.0019	U	0.00222	U	0.00339	
4,4'-DDE	72-55-9	17	mg/kg	0.003	IP	-	-	0.00548	IP	0.0118		-	-	0.00194	U	0.00184	U	0.00253		0.0112		0.00395		-	-	0.00323		0.00571		0.0019	U	0.00222	U	0.00353	
4,4'-DDT	50-29-3	136	mg/kg	0.00848		-	-	0.00192	U	0.00176	U	-	-	0.00542		0.00184	U	0.00701		0.0799		0.00491	IP	-	-	0.00186	J	0.0115		0.0019	U	0.00222	U	0.00509	
Aldrin	309-00-2	0.19	mg/kg	0.00208	U	-	-	0.00192	U	0.00176	U	-	-	0.00194	U	0.00184	U	0.00182	U	0.00181	U	0.00188	U	-	-	0.00187	U	0.00175	U	0.0019	U	0.00521	P	0.00199	U
Alpha-BHC	319-84-6	0.02	mg/kg	0.000866	U	-	-	0.000801	U	0.000735	U	-	-	0.000808	U	0.000765	U	0.00076	U	0.000754	U	0.000782	U	-	-	0.000779	U	0.000731	U	0.00079	U	0.00137	P	0.000829	U
Beta-BHC	319-85-7	0.09	mg/kg	0.00208	U	-	-	0.00192	U	0.00176	U	-	-	0.00194	U	0.00184	U	0.00182	U	0.00181	U	0.00188	U	-	-	0.00187	U	0.00175	U	0.0019	U	0.00222	U	0.00199	U
Chlordane	57-74-9		mg/kg	0.0173	U	-	-	0.016	U	0.0147	U	-	-	0.0162	U	0.0153	U	0.0152	U	0.0151	U	0.0153	JIP	-	-	0.0156	U	0.0146	U	0.0159	U	0.0185	U	0.0166	U
cis-Chlordane	5103-71-9	2.9	mg/kg	0.0104	IP	-	-	0.0118	IP	0.0045	IP	-	-	0.00242	U	0.0023	U	0.00228	U	0.00319		0.00256	IP	-	-	0.00234	U	0.00219	U	0.00238	U	0.00277	U	0.00249	U
Delta-BHC	319-86-8	0.25	mg/kg	0.00208	U	-	-	0.00192	U	0.00176	U	-	-	0.00194	U	0.00184	U	0.00182	U	0.00181	U	0.00188	U	-	-	0.00187	U	0.00175	U	0.0019	U	0.00222	U	0.00199	U
Dieldrin	60-57-1	0.1	mg/kg	0.0013	U	-	-	0.0012	U	0.0011	U	-	-	0.00121	U	0.00115	U	0.00114	U	0.00113	U	0.00117	U	-	-	0.00117	U	0.0011	U	0.00119	U	0.00138	U	0.00124	U
Endosulfan I	959-98-8	102	mg/kg	0.00208	U	-	-	0.00192	U	0.00176	U	-	-	0.00194	U	0.00184	U	0.00182	U	0.00181	U	0.00188	U	-	-	0.00187	U	0.00175	U	0.0019	U	0.00222	U	0.00199	U
Endosulfan II	33213-65-9	102	mg/kg	0.00208	U	-	-	0.00192	U	0.00176	U	-	-	0.00194	U	0.00184	U	0.00182	U	0.00181	U	0.00188	U	-	-	0.00187	U	0.00175	U	0.0019	U	0.00222	U	0.00199	U
Endosulfan sulfate	1031-07-8	1000	mg/kg	0.000866	U	-	-	0.000801	U	0.000735	U	-	-	0.000808	U	0.000765	U	0.00076	U	0.000754	U	0.000782	U	-	-	0.000779	U	0.000731	U	0.00079	U	0.000924	U	0.000829	U
Endrin	72-20-8	0.06	mg/kg	0.000866	U	-	-	0.000801	U	0.000735	U	-	-	0.000808	U	0.000765	U	0.00076	U	0.000754	U	0.000782	U	-	-	0.000779	U	0.000731	U	0.00079	U	0.000924	U	0.000829	U
Endrin aldehyde	7421-93-4	~	mg/kg	0.0026	U	-	-	0.0024	U	0.0022	U	-	-	0.00242	U	0.0023	U	0.00228	U	0.00226	U	0.00235	U	-	-	0.00234	U	0.00219	U	0.00238	U	0.00277	U	0.00249	U
Endrin ketone	53494-70-5	~	mg/kg	0.00208	U	-	-	0.00192	U	0.00176	U	-	-	0.00194	U	0.00184	U	0.00182	U	0.00181	U	0.00188	U	-	-	0.00187	U	0.00175	U	0.0019	U	0.00222	U	0.00199	U
Heptachlor	76-44-8	0.38	mg/kg	0.000623	JIP	-	-	0.00138	IP	0.00112	IP	-	-	0.000969	U	0.000918	U	0.000911	U	0.000905	U	0.000938	U	-	-	0.000934	U	0.000877	U	0.00095	U	0.00111	U	0.000995	U
Heptachlor epoxide	1024-57-3	~	mg/kg	0.0039	U	-	-	0.00361	U	0.00331	U	-	-	0.00363	U	0.00344	U	0.00342	U	0.00339	U	0.00352	U	-	-	0.0035	U	0.00329	U	0.00357	U	0.00416	U	0.00373	U
Lindane	58-89-9	0.1	mg/kg	0.000866	U	-	-	0.000801	U	0.000735	U	-	-	0.000808	U	0.000765	U	0.00076	U	0.000754	U	0.000782	U	-	-	0.000779	U	0.000731	U	0.00079	U	0.000924	U	0.000829	U
Methoxychlor	72-43-5	~	mg/kg	0.0039	U	-	-	0.00361	U	0.00331	U	-	-	0.00363	U	0.00344	U	0.00342	U	0.00339	U	0.00352	U	-	-	0.0035	U	0.00329	U	0.00357	U	0.00416	U	0.00373	U
Toxaphene	8001-35-2	~	mg/kg	0.039	U	-	-	0.0361	U	0.0331	U	-	-	0.0363	U	0.0344	U	0.0342	U	0.0339	U	0.0352	U	-	-	0.035	U	0.0329	U	0.0357	U	0.0416	U	0.0373	U
trans-Chlordane	5103-74-2	~	mg/kg	0.00706	IP	-	-	0.00779	IP	0.00564	IP	-	-	0.00242	U	0.0023	U	0.00228	U	0.00209	J	0.00253		-	-	0.00234	U	0.00219	U	0.00238	U	0.00277	U	0.00249	U
Perfluorinated Alkyl Acids by EPA 1633																																			
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	~	mg/kg																																
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	~	mg/kg																																
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtF	2991-50-6	~	mg/kg																																
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NM	2355-31-9	~	mg/kg																																
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg																																
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg																																
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg																																
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg																																
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg																																
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg																																
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg																																
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg																																
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg																																
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg																																
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg																																
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg																																
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg																																
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg																																
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg																																
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg																																
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg																																
PFOA/PFOS, Total	null	~	mg/kg																																
Polychlorinated Biphenyls by GC																																			
Aroclor 1016	12674-11-2	3.2	mg/kg	0.0631	U	-	-	0.059	U	0.0531	U	-	-	0.058	U	0.0568	U	0.058	U	0.0534	U	0.057	U	-	-	0.0584	U	0.0548	U	0.0603	U	0.0693	U	0.0634	U
Aroclor 1221	11104-28-2	3.2	mg/kg	0.0631	U	-	-	0.059	U	0.0531	U	-	-	0.058	U	0.0568	U	0.058	U	0.0534	U	0.057	U	-	-	0.0584	U	0.0548	U	0.0603	U	0.0693	U	0.0634	U
Aroclor 1232	11141-16-5	3.2	mg/kg	0.0631	U	-	-	0.059	U	0.0531	U	-	-	0.058	U	0.0568	U	0.058	U	0.0534	U	0.057	U	-	-	0.0584	U	0.0548	U	0.0603	U	0.0693	U	0.0634	U
Aroclor 1242	53469-21-9	3.2	mg/kg	0.0631	U	-	-	0.059	U	0.0531	U	-	-	0.058	U	0.0568	U	0.058	U	0.0534	U	0.057	U	-	-	0.0584	U	0.0548	U	0.0603	U	0.0693	U	0.0634	U
Aroclor 1248	12672-29-6	3.2	mg/kg	0.0631	U	-	-	0.059	U	0.0531	U	-	-	0.058	U	0.0568	U	0.058	U	0.0534	U	0.057	U	-	-	0.0584	U	0.0548	U	0.0603	U	0.0693	U	0.0634	U
Aroclor 1254	11097-69-1	3.2	mg/kg	0.0604	J	-	-	0.0234	J	0.0172	J	-	-	0.058	U	0.025	J	0.058	U	0.0534	U	0.057	U	-	-	0.0584	U	0.00837	J	0.0603	U	0.0113	J	0.0634	U
Aroclor 1260	11096-82-5	3.2	mg/kg	0.084		-	-	0.0923		0.0413	J	-	-	0.0223	J	0.0568	U	0.016	J	0.0395	J	0.0168	J	-	-	0.0584	U	0.0125	J	0.0603	U	0.0137	J	0.0634	U
Aroclor 1262	37324-23-5	3.2	mg/kg	0.0631	U	-	-	0.059	U	0.0531	U	-	-	0.058	U	0.0568	U	0.058	U	0.0534	U	0.057	U	-	-	0.0584	U	0.0548	U	0.0603	U	0.0693	U	0.0634	U
Aroclor 1268	11100-14-4	3.2	mg/kg	0.0631	U	-	-	0.059	U	0.0531	U	-	-	0.058	U	0.0568	U	0.058	U	0.0534	U	0.057	U	-	-	0.0584	U	0.00611	J	0.0603	U	0.0693	U	0.0634	U
PCBs, Total	1336-36-3	3.2	mg/kg	0.144	J	-	-	0.116	J	0.0585	J	-	-	0.0223	J	0.025	J	0.016	J	0.0395	J	0.0168	J	-	-	0.0584	U	0.027	J	0.0603	U	0.025	J	0.0634	U
Semivolatile Organics by GC/MS																																			
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	0.22	U	-	-	0.21	U	0.19	U	-	-	1	U	0.99	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.19	U	0.2	U	0.23	U	0.21	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.22	U	-	-	0.21	U	0.19	U	-	-	1	U	0.99	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.19	U	0.028	J	0.046	J	0.21	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.22	U	-	-	0.21	U	0.19	U	-	-	1	U	0.99	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.19	U	0.042	J	0.11	J	0.21	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.22	U	-	-	0.21	U	0.19	U	-	-	1	U	0.99	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.19	U	0.054	J	0.23	U	0.21	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.22	U	-	-	0.21	U	0.19	U	-	-	1	U	0.99	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.19	U	0.2	U	0.23	U	0.21	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.033	U	-	-	0.031	U	0.028	U	-	-	0.15	U	0.15	U	0.03	U	0.028	U	0.03	U	-	-	0.03	U	0.028	U	0.03	U	0.035	U	0.032	U
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	0.22	U	-	-	0.21	U	0.19	U	-	-	1	U	0.99	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.19	U	0.2	U	0.23	U	0.21	U
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	0.13	U	-	-	0.12	U	0.11	U	-	-	0.6	U	0.59	U	0.12	U	0.11	U	0.12	U	-	-	0.12	U	0.11	U	0.12	U	0.14	U	0.13	U
2,4-Dichlorophenol	120-83-2	~	mg/kg	0.2	U	-	-	0.19	U	0.17	U	-	-	0.9	U	0.89	U	0.18	U	0.17	U	0.18	U	-	-	0.18	U	0.17	U	0.18	U	0.21	U	0.19	U
2,4-Dimethylphenol	105-67-9	~	mg/kg	0.22	U	-	-	0.21	U	0.19	U	-	-	1	U	0.99	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.19	U	0.2	U	0.23	U	0.19	J
2,4-Dinitrophenol	51-28-5	~	mg/kg	1.1	U	-	-	0.99	U	0.9	U	-	-	4.8	U	4.7	U	0.96	U	0.91	U	0.95	U	-	-	0.97	U	0.91	U	0.96	U	1.1	U	1	U
2,4-Dinitrotoluene	121-14-2	~	mg/kg	0.22	U	-	-	0.21	U	0.19	U	-	-	1	U	0.99	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.19	U	0.2	U	0.23	U	0.21	U
2,6-Dinitrotoluene	606-20-2	~	mg/kg	0.22	U	-	-	0.21	U	0.19	U	-	-	1	U	0.99	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.19	U	0.2	U	0.23	U	0.21	U
2-Chloronaphthalene	91-58-7	~	mg/kg	0.22	U	-	-	0.21	U	0.19	U	-	-	1	U	0.99	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.19	U	0.054	J	0.23	U	0.21	U
2-Chlorophenol	95-57-8	~	mg/kg	0.22	U	-	-	0.21	U	0.19	U	-	-	1	U	0.99	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.19	U	0.2	U	0.23	U	0.21	U
2-Methylnaphthalene	91-57-6	~	mg/kg	0.16	J	-	-	0.31		0.7		-	-	0.12	J	0.77	J	0.21	J	0.34		0.98		-	-	0.14	J	0.23		0.23	J	0.16	J	3.2	
2-Methylphenol	95-48-7	0.33	mg/kg	0.22	U	-	-	0.21	U	0.032	J	-	-	1	U	0.99	U	0.2	U	0.19	U	0.038	J	-	-	0.2	U	0.19	U	0.2	U	0.23	U	0.19	J
2-Nitroaniline	88-74-4	~	mg/kg	0.22	U	-	-	0.21	U	0.19	U	-	-	1	U	0.99	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.19	U	0.2	U	0.23	U	0.21	U
2-Nitrophenol	88-75-5	~	mg/kg	0.48	U	-	-	0.45	U	0.4	U	-	-	2.2	U	2.1	U	0.43	U	0.41	U	0.43	U	-	-	0.43	U	0.41	U	0.43	U	0.51	U	0.46	U
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	0.22	U	-	-	0.21	U	0.19	U	-	-	1	U	0.99	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.19	U	0.2	U	0.23	U	0.21	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44	0.33	mg/kg	0.034	J	-	-	0.04	J	0.11	J	-	-	1.4	U	0.21	J	0.033	J	0.084	J	0.11	J	-	-	0.039	J	0.038	J	0.29	U	0.037	J	**0.56**	
3-Nitroaniline	99-09-2	~	mg/kg	0.22	U	-	-	0.21	U	0.19	U	-	-	1	U	0.99	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.19	U	0.2	U	0.23	U	0.21	U
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	0.57	U	-	-	0.54	U	0.48	U	-	-	2.6	U	2.6	U	0.52	U	0.49	U	0.51	U	-	-	0.52	U	0.49	U	0.52	U	0.61	U	0.55	U
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	0.22	U	-	-	0.21	U	0.19	U	-	-	1	U	0.99	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.19	U	0.2	U	0.23	U	0.21	U

Table 3.3
Endpoint Analytical Data (6 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-1 090225 6'		EP-1 090225 6'		EP-2 090225 6'		EP-3 090225 6'		EP-3 090225 6'		EP-4 090825 (6')		EP-5 090825 (6')		EP-6 090825 (6')		EP-7 81925 6'		EP-8-08-14-25 6'		EP-8-08-14-25 6'		EP-9-08-14-25 6'		EP-10 08-12-25 (6')		EP-11-080625 (6')		EP-12-080625 (6')		EP-13-073125	
SAMPLING DATE				9/2/2025		9/2/2025		9/2/2025		9/2/2025		9/2/2025		9/8/2025		9/8/2025		9/8/2025		8/19/2025		8/14/2025		8/14/2025		8/14/2025		8/12/2025		8/6/2025		8/6/2025		7/31/2025	
LAB SAMPLE ID				L2554885-01		L2554885-01 R1		L2554885-02		L2554885-03		L2554885-03 R1		L2556204-03		L2556204-03		L2556204-03		L2552233-01		L2551215-01		L2551215-01 R1		L2551215-02		L2550530-01		L2549302-02		L2549302-01		L2548019-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
4-Chloroaniline	106-47-8	~	mg/kg	0.22	U	-	-	0.21	U	0.19	U	-	-	1	U	0.99	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.19	U	0.2	U	0.23	U	0.21	U
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	0.22	U	-	-	0.21	U	0.19	U	-	-	1	U	0.99	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.19	U	0.2	U	0.23	U	0.21	U
4-Nitroaniline	100-01-6	~	mg/kg	0.22	U	-	-	0.21	U	0.19	U	-	-	1	U	0.99	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.19	U	0.2	U	0.23	U	0.21	U
4-Nitrophenol	100-02-7	~	mg/kg	0.31	U	-	-	0.29	U	0.26	U	-	-	1.4	U	1.4	U	0.28	U	0.26	U	0.28	U	-	-	0.28	U	0.26	U	0.28	U	0.33	U	0.3	U
Acenaphthene	83-32-9	98	mg/kg	0.74		-	-	0.3		1.8		-	-	0.19	J	1.4		0.38		0.42		2.2		-	-	0.46		0.33		0.24		0.31		6.6	
Acenaphthylene	208-96-8	107	mg/kg	0.75		-	-	0.58		0.97		-	-	0.53	J	1.3		0.35		0.94		0.97		-	-	0.3		0.6		0.33		0.56		1.1	
Acetophenone	98-86-2	~	mg/kg	0.028	J	-	-	0.07	J	0.19	U	-	-	1	U	0.99	U	0.025	J	0.19	U	0.2	U	-	-	0.2	U	0.19	U	0.2	U	0.23	U	0.21	U
Anthracene	120-12-7	1000	mg/kg	2.3		-	-	0.88		3.5		-	-	0.61		4.5		1.1		1.5		4.2		-	-	1.3		1.1		0.6		1.3		9	E
Benzo(a)anthracene	56-55-3	1	mg/kg	**6.3**		-	-	**2.8**		**7**		-	-	**1.6**		**8.4**		**2.6**		**3.7**		**8.1**	E	**8.4**		**3.7**		**3.6**		**1.7**		4.2		**16**	E
Benzo(a)pyrene	50-32-8	22	mg/kg	6.3		-	-	3		6.9		-	-	1.6		7.8		2.3		3.9		8.8	E	8.5		3.8		3.8		1.8		4.2		15	E
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	**7.3**		-	-	**3.8**		**7.8**	E	**7.5**		0.6		**10**		**2.9**		**6**		**10**	E	**9.9**		**4.6**		**5**		**2.4**		**5.4**		**22**	E
Benzo(ghi)perylene	191-24-2	1000	mg/kg	3.7		-	-	1.9		3.2		-	-	1.2		4.8		1.5		2.6		5.8		-	-	2.4		2.5		1.2		2.8		9.3	E
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	**2.5**		-	-	1		**2.4**		-	-	0.56	J	**2.8**		1		1.1		**3.4**		-	-	1.1		1.4		0.61		1.6		**2.8**	
Benzoic Acid	65-85-0	~	mg/kg	0.72	U	-	-	0.67	U	0.6	U	-	-	3.2	U	3.2	U	0.65	U	0.28	J	0.64	U	-	-	0.65	U	0.62	U	0.65	U	0.76	U	0.68	U
Benzyl Alcohol	100-51-6	~	mg/kg	0.22	U	-	-	0.21	U	0.19	U	-	-	1	U	0.99	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.19	U	0.2	U	0.23	U	0.21	U
Biphenyl	92-52-4	~	mg/kg	0.064	J	-	-	0.081	J	0.24	J	-	-	2.3	U	0.25	J	0.059	J	0.12	J	0.29	J	-	-	0.047	J	0.074	J	0.07	J	0.06	J	0.9	
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	0.24	U	-	-	0.22	U	0.2	U	-	-	1.1	U	1.1	U	0.22	U	0.2	U	0.21	U	-	-	0.22	U	0.2	U	0.22	U	0.25	U	0.23	U
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	0.2	U	-	-	0.19	U	0.17	U	-	-	0.9	U	0.89	U	0.18	U	0.17	U	0.18	U	-	-	0.18	U	0.17	U	0.18	U	0.21	U	0.19	U
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	0.26	U	-	-	0.25	U	0.22	U	-	-	1.2	U	1.2	U	0.24	U	0.23	U	0.24	U	-	-	0.24	U	0.23	U	0.24	U	0.28	U	0.25	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	0.099	J	-	-	0.089	J	0.16	J	-	-	1	U	0.99	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.19	U	0.2	U	0.23	U	0.21	U
Butyl benzyl phthalate	85-68-7	~	mg/kg	0.22	U	-	-	0.21	U	0.19	U	-	-	1	U	0.99	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.19	U	0.2	U	0.23	U	0.21	U
Carbazole	86-74-8	~	mg/kg	0.62		-	-	0.29		1.5		-	-	0.18	J	1.4		0.37		0.5		1.5		-	-	0.4		0.29		0.21		0.42		4.3	
Chrysene	218-01-9	1	mg/kg	**5.7**		-	-	**2.6**		**6.2**		-	-	**1.6**		**8.7**		**2.6**		**3.9**		**7.5**		-	-	**3.5**		**3.6**		**1.8**		**3.9**		**12**	E
Di-n-butylphthalate	84-74-2	~	mg/kg	0.22	U	-	-	0.21	U	0.19	U	-	-	0.26	J	1.2		0.36		0.19	U	0.2	U	-	-	0.2	U	0.19	U	0.2	U	0.18	J	0.21	U
Di-n-octylphthalate	117-84-0	~	mg/kg	0.22	U	-	-	0.21	U	0.19	U	-	-	0.13	J	1.2		0.24		0.19	U	0.2	U	-	-	0.2	U	0.19	U	0.2	U	0.23	U	0.21	U
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	0.98		-	-	0.46		0.9		-	-	1	U	0.99	U	0.2	U	0.63		1.5		-	-	0.6		0.59		0.27		0.65		1.8	
Dibenzofuran	132-64-9	210	mg/kg	0.5		-	-	0.22		1.5		-	-	1	U	0.99	U	0.2	U	0.4		1.2		-	-	0.26		0.22		0.18	J	0.22	J	4.4	
Diethyl phthalate	84-66-2	~	mg/kg	0.22	U	-	-	0.21	U	0.19	U	-	-	1	U	0.99	U	0.059	J	0.19	U	0.2	U	-	-	0.2	U	0.19	U	0.2	U	0.23	U	0.21	U
Dimethyl phthalate	131-11-3	~	mg/kg	0.22	U	-	-	0.21	U	0.19	U	-	-	1	U	0.99	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.19	U	0.2	U	0.23	U	0.21	U
Fluoranthene	206-44-0	1000	mg/kg	13	E	11		5.6		16	E	15		3.2		19		5.3		6.4		17	E	18		7.6		6.6		3.6		7.4		28	E
Fluorene	86-73-7	386	mg/kg	0.64		-	-	0.31		2.1		-	-	0.22	J	1.8		0.37		0.42		1.8		-	-	0.43		0.31		0.22		0.34		5.1	
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.13	U	-	-	0.12	U	0.11	U	-	-	0.6	U	0.59	U	0.12	U	0.11	U	0.12	U	-	-	0.12	U	0.11	U	0.12	U	0.14	U	0.13	U
Hexachlorobutadiene	87-68-3	~	mg/kg	0.22	U	-	-	0.21	U	0.19	U	-	-	1	U	0.99	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.19	U	0.2	U	0.23	U	0.21	U
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	0.63	U	-	-	0.59	U	0.53	U	-	-	2.9	U	2.8	U	0.57	U	0.54	U	0.57	U	-	-	0.58	U	0.54	U	0.57	U	0.67	U	0.6	U
Hexachloroethane	67-72-1	~	mg/kg	0.18	U	-	-	0.16	U	0.15	U	-	-	0.8	U	0.79	U	0.16	U	0.15	U	0.16	U	-	-	0.16	U	0.15	U	0.16	U	0.19	U	0.17	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	3.1		-	-	1.5		2.8		-	-	1		4.8		1.5		2.7		4.7		-	-	2		2.4		1.2		2.8		**10**	E
Isophorone	78-59-1	~	mg/kg	0.2	U	-	-	0.19	U	0.17	U	-	-	0.9	U	0.89	U	0.18	U	0.17	U	0.18	U	-	-	0.18	U	0.17	U	0.18	U	0.21	U	0.19	U
n-Nitrosodi-n-propylamine	621-64-7	~	mg/kg	0.22	U	-	-	0.21	U	0.19	U	-	-	0.26	J	1.2		0.42		0.19	U	0.2	U	-	-	0.2	U	0.19	U	0.2	U	0.23	U	0.21	U
Naphthalene	91-20-3	12	mg/kg	0.23		-	-	0.43		1		-	-	0.8	U	0.79	U	0.16	U	0.91		1.6		-	-	0.28		0.48		0.47		0.34		4.9	
NDPA/DPA	86-30-6	~	mg/kg	0.18	U	-	-	0.16	U	0.15	U	-	-	0.9	U	0.89	U	0.18	U	0.15	U	0.16	U	-	-	0.16	U	0.15	U	0.16	U	0.19	U	0.17	U
Nitrobenzene	98-95-3	~	mg/kg	0.2	U	-	-	0.19	U	0.17	U	-	-	1	U	0.99	U	0.2	U	0.17	U	0.18	U	-	-	0.18	U	0.17	U	0.18	U	0.21	U	0.19	U
p-Chloro-m-cresol	59-50-7	~	mg/kg	0.22	U	-	-	0.21	U	0.19	U	-	-	1	U	0.99	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.19	U	0.2	U	0.23	U	0.21	U
Pentachlorophenol	87-86-5	0.8	mg/kg	0.2		-	-	0.21		0.1	J	-	-	0.8	U	0.79	U	0.084	J	0.15	U	0.16	U	-	-	0.16	U	0.15	U	0.16	U	0.19	U	0.17	U
Phenanthrene	85-01-8	1000	mg/kg	10	E	7.9		3.6		16	E	15		2.2		17		4		4.3		17	E	18		5.7		3.8		2.4		3.9		33	E
Phenol	108-95-2	0.33	mg/kg	0.22	U	-	-	0.21	U	0.061	J	-	-	1	U	0.99	U	0.2	U	0.042	J	0.064	J	-	-	0.2	U	0.19	U	0.2	U	0.23	U	0.3	
Pyrene	129-00-0	1000	mg/kg	12	E	9.1		5.1		14	E	13		3.1		17		4.7		5.9		16	E	17		6.9		6.1		3.3		6.6		23	E
Total Metals																																	
Aluminum, Total	7429-90-5		mg/kg	5990		-	-	5330		3180		-	-	5350		4400		4110		3910		4400		-	-	3130		4560		4320		4480		3440	
Antimony, Total	7440-36-0		mg/kg	5.17	U	-	-	4.8	U	45	U	-	-	4.79	U	4.69	U	4.58	U	4.49	U	4.76	U	-	-	4.73	U	4.32	U	4.8	U	5.51	U	5.09	U
Arsenic, Total	7440-38-2	16	mg/kg	**21.1**		-	-	**25.3**		6.59	J	-	-	**21.7**		12.8		13.4		8.28		9.75		-	-	3.9		6.99		7.07		6.77		4.49	
Barium, Total	7440-39-3	820	mg/kg	153		-	-	176		146		-	-	142		224		132		103		154		-	-	91.3		184		178		194		119	
Beryllium, Total	7440-41-7	47	mg/kg	0.276	J	-	-	0.337	J	4.5	U	-	-	0.431	J	0.377	J	0.347	J	0.318	J	0.312	J	-	-	0.189	J	0.221	J	0.293	J	0.307	J	0.259	J
Cadmium, Total	7440-43-9	7.5	mg/kg	0.562	J	-	-	1.09		9.01	U	-	-	2.1		0.728	J	0.819	J	1		1.21		-	-	0.102	J	0.414	J	0.712	J	1.35		1.35	
Calcium, Total	7440-70-2		mg/kg	9800		-	-	8130		127000		-	-	16200		15600		10100		8280		12300		-	-	5670		8770		36200		8640		36900	
Chromium, Total	7440-47-3		mg/kg	12.6		-	-	18.4		9.7		-	-	17.3		18.9		9.82		12.1		13.9		-	-	6.29		12.2		11.6		14.3		9.69	
Cobalt, Total	7440-48-4		mg/kg	4.98		-	-	6.48		3.53	J	-	-	5.87		5.72		4.87		4.55		4.79		-	-	2.17		5.11		4.73		6.7		3.72	
Copper, Total	7440-50-8	1720	mg/kg	103		-	-	95.5		39.8		-	-	411		149		61.5		80.3		88.3		-	-	34.3		56		112		136		98.5	
Iron, Total	7439-89-6		mg/kg	23200		-	-	24500		9060		-	-	20200		17900		11900		9600		12200		-	-	4540		13500		12000		14300		9000	
Lead, Total	7439-92-1	450	mg/kg	**491**		-	-	**523**		199		-	-	**482**		**704**		350		323		388		-	-	135		314		340		437		298	
Magnesium, Total	7439-95-4		mg/kg	1890		-	-	3640		19500		-	-	4020		6360		2230		2920		4760		-	-	3130		3770		12000		5380		5760	
Manganese, Total	7439-96-5	2000	mg/kg	269		-	-	274		411		-	-	221		230		251		146		209		-	-	53.6		219		224		234		192	
Mercury, Total	7439-97-6	0.73	mg/kg	0.653		-	-	**1.91**		**1.28**		-	-	0.388		0.604		0.273		0.498		0.532		-	-	0.537		0.662		0.544		0.455		0.522	
Nickel, Total	7440-02-0	130	mg/kg	21		-	-	25.9		12.9	J	-	-	19.6		33.8		18.9		24.3		24.9		-	-	7.84		32.2		25.4		47.9		40.6	
Potassium, Total	7440-09-7		mg/kg	1400		-	-	1010		541	J	-	-	595		729		539		605		821		-	-	497		1000		783		740		661	
Selenium, Total	7782-49-2	4	mg/kg	1.7	J	-	-	2.21		18	U	-	-	1.05	J	0.964	J	1.34	J	0.461	J	0.411	J	-	-	1.89	U	1.73	U	0.474	J	2.2	U	2.04	U
Silver, Total	7440-22-4	8.3	mg/kg	0.525		-	-	0.46	J	4.5	U	-	-	0.329	J	0.421	J	0.458	U	0.357	J	0.476	U	-	-	0.473	U	0.432	U	0.48	U	0.336	J	0.509	U
Sodium, Total	7440-23-5		mg/kg	2650		-	-	1240		1800	U	-	-	172	J	136	J	110	J	100	J	186	J	-	-	182	J	288		288		277		182	J
Thallium, Total	7440-28-0		mg/kg	2.07	U	-	-	1.92	U	18	U	-	-	1.92	U	1.88	U	1.83	U	1.8	U	1.9	U	-	-	1.89	U	1.73	U	1.92	U	2.2	U	2.04	U
Vanadium, Total	7440-62-2		mg/kg	344		-	-	116		21.2		-	-	26.5		19.6		15.4		17.2		19.9		-	-	8.66		17.3		16.2		17.8		12	
Zinc, Total	7440-66-6	2480	mg/kg	313		-	-	444		231		-	-	825		605		239		371		315		-	-	98.4		269		273		395		240	
Volatile Organics by EPA 5035																																	
1,1,1,2-Tetrachloroethane	630-20-6		mg/kg	0.00069	U	-	-	0.00072	U	0.00048	U	-	-	0.00064	U	0.00072	U	0.00064	U	0.0006	U	0.00065	U	0.00059	U	0.0006	U	0.00057	U	0.00068	U	0.00084	U	0.0008	U
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	0.00069	U	-	-	0.00072	U	0.00048	U	-	-	0.00064	U	0.00072	U	0.00064	U	0.0006	U	0.00065	U	0.00059	U	0.0006	U	0.00057	U	0.00068	U	0.00084	U	0.0008	U
1,1,2,2-Tetrachloroethane	79-34-5		mg/kg	0.00069	U	-	-	0.00072	U	0.00048	U	-	-	0.00064	U	0.00072	U	0.00064	U	0.0006	U	0.00065	U	0.00059	U	0.0006	U	0.00057	U	0.00068	U	0.00084	U	0.0008	U
1,1,2-Trichloroethane	79-00-5		mg/kg	0.0014	U	-	-	0.0014	U	0.00095	U	-	-	0.0013	U	0.0014	U	0.0013	U	0.0012	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.0014	U	0.0017	U	0.0016	U
1,1-Dichloroethane	75-34-3	0.27	mg/kg	0.0014	U	-	-	0.0014	U	0.00095	U	-	-	0.0013	U	0.0014	U	0.0013	U	0.0012	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.0014	U	0.0017	U	0.0016	U
1,1-Dichloroethene	75-35-4	0.33	mg/kg	0.0014	U	-	-	0.0014	U	0.00095	U	-	-	0.0013	U	0.0014	U	0.0013	U	0.0012	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.0014	U	0.0017	U	0.0016	U
1,1-Dichloropropene	563-58-6		mg/kg	0.00069	U	-	-	0.00072	U	0.00048	U	-	-	0.00064	U	0.00072	U	0.00064	U	0.0006	U	0.00065	U	0.00059	U	0.0006	U	0.00057	U	0.00068	U	0.00084	U	0.0008	U
1,2,3-Trichlorobenzene	87-61-6		mg/kg	0.0028	U	-	-	0.0029	U	0.0019	U	-	-	0.0025	U	0.0029	U	0.0026	U	0.0024	U	0.0026	U	0.0024	U	0.0024	U	0.0023	U	0.0027	U	0.0034	U	0.0032	U
1,2,3-Trichloropropane	96-18-4		mg/kg	0.0028	U	-	-	0.0029	U	0.0019	U	-	-	0.0025	U	0.0029	U	0.0026	U	0.0024	U	0.0026	U	0.0024	U	0.0024	U	0.0023	U	0.0027	U	0.0034	U	0.0032	U
1,2,4,5-Tetramethylbenzene	95-93-2		mg/kg	0.00069	J	-	-	0.0029	U	0.0003	J	-	-	0.0025	U	0.0029	U	0.0026	U	0.0024	U	0.00038	J	0.00043	J	0.0024	U	0.0023	U	0.0027	U	0.0034	U	0.00032	J
1,2,4-Trichlorobenzene	120-82-1		mg/kg	0.0028	U	-	-	0.0029	U	0.0019	U	-	-	0.0025	U	0.0029	U	0.0026	U	0.0024	U	0.0026	U	0.0024	U	0.0024	U	0.0023	U	0.0027	U	0.0034	U	0.0032	U
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	0.0012	J	-	-	0.0029	U	0.0005	J	-	-	0.0025	U	0.0029	U	0.0026	U	0.0024	U	0.00059	J	0.00078	J	0.0024	U	0.0023	U	0.0027	U	0.0034	U	0.00061	J
1,2-Dibromo-3-chloropropane	96-12-8		mg/kg	0.0041	U	-	-	0.0043	U	0.0028	U	-	-	0.0038	U	0.0043	U	0.0038	U	0.0036	U	0.0039	U	0.0036	U	0.0036	U	0.0034	U	0.0041	U	0.005	U	0.0048	U
1,2-Dibromoethane	106-93-4		mg/kg	0.0014	U	-	-	0.0014	U	0.00095	U	-	-	0.0013	U	0.0014	U	0.0013	U	0.0012	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.0014	U	0.0017	U	0.0016	U

Table 3.3
Endpoint Analytical Data (6 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-1 090225 6'		EP-1 090225 6'		EP-2 090225 6'		EP-3 090225 6'		EP-3 090225 6'		EP-4 090825 (6')		EP-5 090825 (6')		EP-6 090825 (6')		EP-7 81925 6'		EP-8-08-14-25 6'		EP-8-08-14-25 6'		EP-9-08-14-25 6'		EP-10 08-12-25 (6')		EP-11-080625 (6')		EP-12-080625 (6')		EP-13-073125	
SAMPLING DATE				9/2/2025		9/2/2025		9/2/2025		9/2/2025		9/2/2025		9/8/2025		9/8/2025		9/8/2025		8/19/2025		8/14/2025		8/14/2025		8/14/2025		8/12/2025		8/6/2025		8/6/2025		7/31/2025	
LAB SAMPLE ID				L2554885-01		L2554885-01 R1		L2554885-02		L2554885-03		L2554885-03 R1		L2556204-03		L2556204-03		L2556204-03		L2552233-01		L2551215-01		L2551215-01 R1		L2551215-02		L2550530-01		L2549302-02		L2549302-01		L2548019-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.0028	U	-	-	0.0029	U	0.0019	U	-	-	0.0025	U	0.0029	U	0.0026	U	0.0024	U	0.0026	U	0.0024	U	0.0024	U	0.0023	U	0.0027	U	0.0034	U	0.0032	U
1,2-Dichloroethane	107-06-2	0.02	mg/kg	0.0014	U	-	-	0.0014	U	0.00095	U	-	-	0.0013	U	0.0014	U	0.0013	U	0.0012	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.0014	U	0.0017	U	0.0016	U
1,2-Dichloroethene, Total	540-59-0		mg/kg	0.0014	U	-	-	0.0014	U	0.00095	U	-	-	0.0013	U	0.0014	U	0.0013	U	0.0012	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.0014	U	0.0017	U	0.0016	U
1,2-Dichloropropane	78-87-5		mg/kg	0.0014	U	-	-	0.0014	U	0.00095	U	-	-	0.0013	U	0.0014	U	0.0013	U	0.0012	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.0014	U	0.0017	U	0.0016	U
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	0.00039	J	-	-	0.0029	U	0.00026	J	-	-	0.0025	U	0.0029	U	0.0026	U	0.0024	U	0.00042	J	0.00057	J	0.0024	U	0.0023	U	0.0027	U	0.0034	U	0.0032	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.0028	U	-	-	0.0029	U	0.0019	U	-	-	0.0025	U	0.0029	U	0.0026	U	0.0024	U	0.0026	U	0.0024	U	0.0024	U	0.0023	U	0.0027	U	0.0034	U	0.0032	U
1,3-Dichloropropane	142-28-9		mg/kg	0.0028	U	-	-	0.0029	U	0.0019	U	-	-	0.0025	U	0.0029	U	0.0026	U	0.0024	U	0.0026	U	0.0024	U	0.0024	U	0.0023	U	0.0027	U	0.0034	U	0.0032	U
1,3-Dichloropropene, Total	542-75-6		mg/kg	0.00069	U	-	-	0.00072	U	0.00048	U	-	-	0.00064	U	0.00072	U	0.00064	U	0.0006	U	0.00065	U	0.00059	U	0.0006	U	0.00057	U	0.00068	U	0.00084	U	0.0008	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.0028	U	-	-	0.0029	U	0.0019	U	-	-	0.0025	U	0.0029	U	0.0026	U	0.0024	U	0.0026	U	0.0024	U	0.0024	U	0.0023	U	0.0027	U	0.0034	U	0.0032	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.11	U	-	-	0.12	U	0.076	U	-	-	0.1	U	0.12	U	0.1	U	0.097	U	0.1	U	0.095	U	0.095	U	0.092	U	0.11	U	0.13	U	0.13	U
2,2-Dichloropropane	594-20-7		mg/kg	0.0028	U	-	-	0.0029	U	0.0019	U	-	-	0.0025	U	0.0029	U	0.0026	U	0.0024	U	0.0026	U	0.0024	U	0.0024	U	0.0023	U	0.0027	U	0.0034	U	0.0032	U
2-Butanone	78-93-3	0.12	mg/kg	0.014	U	-	-	0.014	U	0.0095	U	-	-	0.013	U	0.014	U	0.013	U	0.012	U	0.013	U	0.012	U	0.012	U	0.011	U	0.014	U	0.017	U	0.016	U
2-Hexanone	591-78-6		mg/kg	0.014	U	-	-	0.014	U	0.0095	U	-	-	0.013	U	0.014	U	0.013	U	0.012	U	0.013	U	0.012	U	0.012	U	0.011	U	0.014	U	0.017	U	0.016	U
4-Methyl-2-pentanone	108-10-1		mg/kg	0.014	U	-	-	0.014	U	0.0075	J	-	-	0.013	U	0.014	U	0.013	U	0.012	U	0.013	U	0.012	U	0.012	U	0.011	U	0.014	U	0.017	U	0.016	U
Acetone	67-64-1	0.05	mg/kg	0.014	U	-	-	0.014	U	0.01		-	-	0.013	U	0.014	U	0.013	U	0.012	U	0.013	U	0.012	U	0.012	U	0.011	U	0.008	J	0.017	U	0.016	U
Acrylonitrile	107-13-1		mg/kg	0.0055	U	-	-	0.0058	U	0.0038	U	-	-	0.0051	U	0.0058	U	0.0051	U	0.0048	U	0.0052	U	0.0048	U	0.0048	U	0.0046	U	0.0054	U	0.0067	U	0.0064	U
Benzene	71-43-2	0.06	mg/kg	0.00069	U	-	-	0.00072	U	0.00048	U	-	-	0.00064	U	0.00025	J	0.0003	J	0.0006	U	0.00065	U	0.00059	U	0.0006	U	0.00057	U	0.00068	U	0.00084	U	0.0008	U
Bromobenzene	108-86-1		mg/kg	0.0028	U	-	-	0.0029	U	0.0019	U	-	-	0.0025	U	0.0029	U	0.0026	U	0.0024	U	0.0026	U	0.0024	U	0.0024	U	0.0023	U	0.0027	U	0.0034	U	0.0032	U
Bromochloromethane	74-97-5		mg/kg	0.0028	U	-	-	0.0029	U	0.0019	U	-	-	0.0025	U	0.0029	U	0.0026	U	0.0024	U	0.0026	U	0.0024	U	0.0024	U	0.0023	U	0.0027	U	0.0034	U	0.0032	U
Bromodichloromethane	75-27-4		mg/kg	0.00069	U	-	-	0.00072	U	0.00048	U	-	-	0.00064	U	0.00072	U	0.00064	U	0.0006	U	0.00065	U	0.00059	U	0.0006	U	0.00057	U	0.00068	U	0.00084	U	0.0008	U
Bromoform	75-25-2		mg/kg	0.0055	U	-	-	0.0058	U	0.0038	U	-	-	0.0051	U	0.0058	U	0.0051	U	0.0048	U	0.0052	U	0.0048	U	0.0048	U	0.0046	U	0.0054	U	0.0067	U	0.0064	U
Bromomethane	74-83-9		mg/kg	0.0028	U	-	-	0.0029	U	0.0019	U	-	-	0.0025	U	0.0029	U	0.0026	U	0.0024	U	0.0026	U	0.0024	U	0.0024	U	0.0023	U	0.0027	U	0.0034	U	0.0032	U
Carbon disulfide	75-15-0		mg/kg	0.014	U	-	-	0.014	U	0.0095	U	-	-	0.013	U	0.014	U	0.013	U	0.012	U	0.013	U	0.012	U	0.012	U	0.011	U	0.014	U	0.017	U	0.016	U
Carbon tetrachloride	56-23-5	0.76	mg/kg	0.0014	U	-	-	0.0014	U	0.00095	U	-	-	0.0013	U	0.0014	U	0.0013	U	0.0012	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.0014	U	0.0017	U	0.0016	U
Chlorobenzene	108-90-7	1.1	mg/kg	0.00069	U	-	-	0.00072	U	0.00048	U	-	-	0.00064	U	0.00072	U	0.00064	U	0.0006	U	0.00065	U	0.00059	U	0.0006	U	0.00057	U	0.00068	U	0.00084	U	0.0008	U
Chloroethane	75-00-3		mg/kg	0.0028	U	-	-	0.0029	U	0.0019	U	-	-	0.0025	U	0.0029	U	0.0026	U	0.0024	U	0.0026	U	0.0024	U	0.0024	U	0.0023	U	0.0027	U	0.0034	U	0.0032	U
Chloroform	67-66-3	0.37	mg/kg	0.0021	U	-	-	0.0022	U	0.0014	U	-	-	0.0019	U	0.0002	J	0.0019	U	0.0018	U	0.002	U	0.0018	U	0.0018	U	0.0017	U	0.002	U	0.0025	U	0.0024	U
Chloromethane	74-87-3		mg/kg	0.0055	U	-	-	0.0058	U	0.0038	U	-	-	0.0051	U	0.0058	U	0.0051	U	0.0048	U	0.0052	U	0.0048	U	0.0048	U	0.0046	U	0.0054	U	0.0067	U	0.0064	U
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	0.0014	U	-	-	0.0014	U	0.00095	U	-	-	0.0013	U	0.0014	U	0.0013	U	0.0012	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.0014	U	0.0017	U	0.0016	U
cis-1,3-Dichloropropene	10061-01-5		mg/kg	0.00069	U	-	-	0.00072	U	0.00048	U	-	-	0.00064	U	0.00072	U	0.00064	U	0.0006	U	0.00065	U	0.00059	U	0.0006	U	0.00057	U	0.00068	U	0.00084	U	0.0008	U
Dibromochloromethane	124-48-1		mg/kg	0.0014	U	-	-	0.0014	U	0.00095	U	-	-	0.0013	U	0.0014	U	0.0013	U	0.0012	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.0014	U	0.0017	U	0.0016	U
Dibromomethane	74-95-3		mg/kg	0.0028	U	-	-	0.0029	U	0.0019	U	-	-	0.0025	U	0.0029	U	0.0026	U	0.0024	U	0.0026	U	0.0024	U	0.0024	U	0.0023	U	0.0027	U	0.0034	U	0.0032	U
Dichlorodifluoromethane	75-71-8		mg/kg	0.014	U	-	-	0.014	U	0.0095	U	-	-	0.013	U	0.014	U	0.013	U	0.012	U	0.013	U	0.012	U	0.012	U	0.011	U	0.014	U	0.017	U	0.016	U
Ethyl ether	60-29-7		mg/kg	0.0028	U	-	-	0.0029	U	0.0019	U	-	-	0.0025	U	0.0029	U	0.0026	U	0.0024	U	0.0026	U	0.0024	U	0.0024	U	0.0023	U	0.0027	U	0.0034	U	0.0032	U
Ethylbenzene	100-41-4	1	mg/kg	0.0014	U	-	-	0.0014	U	0.00095	U	-	-	0.0013	U	0.0014	U	0.00036	J	0.0012	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.0014	U	0.0017	U	0.0016	U
Hexachlorobutadiene	87-68-3		mg/kg	0.0055	U	-	-	0.0058	U	0.0038	U	-	-	0.0051	U	0.0058	U	0.0051	U	0.0048	U	0.0052	U	0.0048	U	0.0048	U	0.0046	U	0.0054	U	0.0067	U	0.0064	U
Isopropylbenzene	98-82-8		mg/kg	0.0014	U	-	-	0.0014	U	0.00095	U	-	-	0.0013	U	0.0014	U	0.0013	U	0.0012	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.0014	U	0.0017	U	0.0016	U
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	0.0028	U	-	-	0.0029	U	0.0019	U	-	-	0.0025	U	0.0029	U	0.0026	U	0.0024	U	0.0026	U	0.0024	U	0.0024	U	0.0023	U	0.0027	U	0.0034	U	0.0032	U
Methylene chloride	75-09-2	0.05	mg/kg	0.0069	U	-	-	0.0072	U	0.0048	U	-	-	0.0064	U	0.0072	U	0.0064	U	0.006	U	0.0065	U	0.0059	U	0.006	U	0.0057	U	0.0068	U	0.0084	U	0.008	U
n-Butylbenzene	104-51-8	12	mg/kg	0.0014	U	-	-	0.0014	U	0.00095	U	-	-	0.0051	U	0.0058	U	0.0012	J	0.0012	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.0014	U	0.0017	U	0.0016	U
n-Propylbenzene	103-65-1	3.9	mg/kg	0.0014	U	-	-	0.0014	U	0.00095	U	-	-	0.0013	U	0.0014	U	0.0013	U	0.0012	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.0014	U	0.0017	U	0.0016	U
Naphthalene	91-20-3	12	mg/kg	0.0055	U	-	-	0.0058	U	0.0016	J	-	-	0.0013	U	0.0014	U	0.0013	U	0.001	J	0.0076		0.027		0.0048	U	0.0046	U	0.0054	U	0.0067	U	0.0071	
o-Chlorotoluene	95-49-8		mg/kg	0.0028	U	-	-	0.0029	U	0.0019	U	-	-	0.0025	U	0.0029	U	0.0026	U	0.0024	U	0.0026	U	0.0024	U	0.0024	U	0.0023	U	0.0027	U	0.0034	U	0.0032	U
o-Xylene	95-47-6		mg/kg	0.0014	U	-	-	0.0014	U	0.00095	U	-	-	0.0013	U	0.0014	U	0.0013	U	0.0012	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.0014	U	0.0017	U	0.0016	U
p-Chlorotoluene	106-43-4		mg/kg	0.0028	U	-	-	0.0029	U	0.0019	U	-	-	0.0025	U	0.0029	U	0.0026	U	0.0024	U	0.0026	U	0.0024	U	0.0024	U	0.0023	U	0.0027	U	0.0034	U	0.0032	U
p-Diethylbenzene	105-05-5		mg/kg	0.0028	U	-	-	0.0029	U	0.0019	U	-	-	0.0025	U	0.0029	U	0.0026	U	0.0024	U	0.00095	J	0.0014	J	0.0024	U	0.0023	U	0.0027	U	0.0034	U	0.0032	U
p-Ethyltoluene	622-96-8		mg/kg	0.0028	U	-	-	0.0029	U	0.0019	U	-	-	0.0025	U	0.0029	U	0.00041	J	0.0024	U	0.00054	J	0.00055	J	0.0024	U	0.0023	U	0.0027	U	0.0034	U	0.0032	U
p-Isopropyltoluene	99-87-6		mg/kg	0.0014	U	-	-	0.0014	U	0.00022	J	-	-	0.0025	U	0.0029	U	0.00062	J	0.0012	U	0.0013	U	0.00016	J	0.0012	U	0.0011	U	0.0014	U	0.0017	U	0.0016	U
p/m-Xylene	179601-23-1		mg/kg	0.0028	U	-	-	0.0029	U	0.0019	U	-	-	0.0013	U	0.0014	U	0.0013	U	0.0024	U	0.0026	U	0.0024	U	0.0024	U	0.0023	U	0.0027	U	0.0034	U	0.0032	U
sec-Butylbenzene	135-98-8	11	mg/kg	0.0014	U	-	-	0.0014	U	0.00095	U	-	-	0.0013	U	0.0014	U	0.0013	U	0.0012	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.0014	U	0.0017	U	0.0016	U
Styrene	100-42-5		mg/kg	0.0014	U	-	-	0.0014	U	0.00095	U	-	-	0.0013	U	0.0014	U	0.0013	U	0.0009	J	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.0014	U	0.0017	U	0.00097	J
tert-Butylbenzene	98-06-6	5.9	mg/kg	0.0028	U	-	-	0.0029	U	0.0019	U	-	-	0.0025	U	0.0029	U	0.0026	U	0.0024	U	0.0026	U	0.0024	U	0.0024	U	0.0023	U	0.0027	U	0.0034	U	0.0032	U
Tetrachloroethene	127-18-4	1.3	mg/kg	0.00032	J	-	-	0.00072	U	0.00048	U	-	-	0.001		0.00048	J	0.0011		0.00054	J	0.0018		0.0026		0.00046	J	0.00057	U	0.00066	J	0.00084	U	0.0008	U
Toluene	108-88-3	0.7	mg/kg	0.0014	U	-	-	0.0014	U	0.00095	U	-	-	0.0013	U	0.0014	U	0.0013	U	0.0012	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.0014	U	0.0017	U	0.0016	U
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	0.0021	U	-	-	0.0022	U	0.0014	U	-	-	0.0019	U	0.0022	U	0.0019	U	0.0018	U	0.002	U	0.0018	U	0.0018	U	0.0017	U	0.002	U	0.0025	U	0.0024	U
trans-1,3-Dichloropropene	10061-02-6		mg/kg	0.0014	U	-	-	0.0014	U	0.00095	U	-	-	0.0013	U	0.0014	U	0.0013	U	0.0012	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.0014	U	0.0017	U	0.0016	U
trans-1,4-Dichloro-2-butene	110-57-6		mg/kg	0.0069	U	-	-	0.0072	U	0.0048	U	-	-	0.0064	U	0.0072	U	0.0064	U	0.006	U	0.0065	U	0.0059	U	0.006	U	0.0057	U	0.0068	U	0.0084	U	0.008	U
Trichloroethene	79-01-6	0.47	mg/kg	0.0003	J	-	-	0.0002	J	0.00048	U	-	-	0.0013		0.00044	J	0.0011		0.00044	J	0.00084		0.00094		0.00059	J	0.00057	U	0.00081		0.00084	U	0.0008	U
Trichlorofluoromethane	75-69-4		mg/kg	0.0055	U	-	-	0.0058	U	0.0038	U	-	-	0.0051	U	0.0058	U	0.0051	U	0.0048	U	0.0052	U	0.0048	U	0.0048	U	0.0046	U	0.0054	U	0.0067	U	0.0064	U
Vinyl acetate	108-05-4		mg/kg	0.014	U	-	-	0.014	U	0.0095	U	-	-	0.013	U	0.014	U	0.013	U	0.012	U	0.013	U	0.012	U	0.012	U	0.011	U	0.014	U	0.017	U	0.016	U
Vinyl chloride	75-01-4	0.02	mg/kg	0.0014	U	-	-	0.0014	U	0.00095	U	-	-	0.0013	U	0.0014	U	0.0013	U	0.0012	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.0014	U	0.0017	U	0.0016	U
Xylenes, Total	1330-20-7	1.6	mg/kg	0.0014	U	-	-	0.0014	U	0.00095	U	-	-	0.0013	U	0.0014	U	0.0013	U	0.0012	U	0.0013	U	0.0012	U	0.0012	U	0.0011	U	0.0014	U	0.0017	U	0.0016	U

* Comparison is not performed on parameters with non-numeric criteria.

NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Table 3.3
Endpoint Analytical Data (6 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-13-073125		EP-14-071025 (6')		EP-14-071025 (6')		EP-15-071025 (6')		EP-16-012924		EP-18-013124		EP-18-013124		EP-19-013124		EP-20-012924		EP-21-012924		EP-22-013024		EP-23-011824		EP-24-011824		EP-24-011824		EP-25 012324		EP-31-013024	
SAMPLING DATE				7/31/2025		7/10/2025		7/10/2025		7/10/2025		1/29/2024		1/31/2024		1/31/2024		1/31/2024		1/29/2024		1/29/2024		1/30/2024		1/18/2024		1/18/2024		1/18/2024		1/23/2024		1/30/2024	
LAB SAMPLE ID				L2548019-01 R1		L2543562-02		L2543562-02 R1		L2543562-01		L2404855-11		L2405358-05		L2405358-05 R1		L2405358-06		L2404855-03		L2404855-06		L2405077-10		L2403041-15		L2403041-16		L2403041-16 R1		L2403798-04		L2405077-06	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																																			
Chromium, Hexavalent	18540-29-9	19	mg/kg	-	-	0.504	J	-	-	0.892	U	1	U	0.947	U	-	-	0.95	U	0.204	J	0.955	U	0.891	U	0.908	U	0.968	U	-	-	0.991	U	0.43	J
Cyanide, Total	57-12-5	40	mg/kg	-	-	1	U	-	-	0.33	J	-	-	-	-	-	-	-	-	1.2	U	-	-			-	-	-	-	-	-	-	-	-	-
Solids, Total	NONE	~	%	-	-	91.2		-	-	89.7		79.8		84.5		-	-	84.2		83.3		83.8		89.8		88.1		82.6		-	-	80.7		76.8	
Organochlorine Pesticides by GC																																			
4,4'-DDD	72-54-8	14	mg/kg	-	-	0.0017	U	-	-	0.0017	U	-	-	-	-	-	-	-	-	0.00188	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDE	72-55-9	17	mg/kg	-	-	0.0017	U	-	-	0.0017	U	-	-	-	-	-	-	-	-	0.00188	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4,4'-DDT	50-29-3	136	mg/kg	-	-	0.0017	U	-	-	0.0017	U	-	-	-	-	-	-	-	-	0.00188	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aldrin	309-00-2	0.19	mg/kg	-	-	0.0017	U	-	-	0.0017	U	-	-	-	-	-	-	-	-	0.00188	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Alpha-BHC	319-84-6	0.02	mg/kg	-	-	0.00071	U	-	-	0.000708	U	-	-	-	-	-	-	-	-	0.000783	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beta-BHC	319-85-7	0.09	mg/kg	-	-	0.0017	U	-	-	0.0017	U	-	-	-	-	-	-	-	-	0.00188	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlordane	57-74-9		mg/kg	-	-	0.0142	U	-	-	0.0142	U	-	-	-	-	-	-	-	-	0.0157	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-Chlordane	5103-71-9	2.9	mg/kg	-	-	0.00213	U	-	-	0.00212	U	-	-	-	-	-	-	-	-	0.00235	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Delta-BHC	319-86-8	0.25	mg/kg	-	-	0.0017	U	-	-	0.0017	U	-	-	-	-	-	-	-	-	0.00188	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dieldrin	60-57-1	0.1	mg/kg	-	-	0.00106	U	-	-	0.00106	U	-	-	-	-	-	-	-	-	0.00117	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan I	959-98-8	102	mg/kg	-	-	0.0017	U	-	-	0.0017	U	-	-	-	-	-	-	-	-	0.00188	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan II	33213-65-9	102	mg/kg	-	-	0.0017	U	-	-	0.0017	U	-	-	-	-	-	-	-	-	0.00188	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endosulfan sulfate	1031-07-8	1000	mg/kg	-	-	0.00071	U	-	-	0.000708	U	-	-	-	-	-	-	-	-	0.000783	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin	72-20-8	0.06	mg/kg	-	-	0.00071	U	-	-	0.000708	U	-	-	-	-	-	-	-	-	0.000783	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin aldehyde	7421-93-4	~	mg/kg	-	-	0.00213	U	-	-	0.00212	U	-	-	-	-	-	-	-	-	0.00235	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Endrin ketone	53494-70-5	~	mg/kg	-	-	0.0017	U	-	-	0.0017	U	-	-	-	-	-	-	-	-	0.00188	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor	76-44-8	0.38	mg/kg	-	-	0.000852	U	-	-	0.00085	U	-	-	-	-	-	-	-	-	0.00094	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Heptachlor epoxide	1024-57-3	~	mg/kg	-	-	0.00319	U	-	-	0.00319	U	-	-	-	-	-	-	-	-	0.00352	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lindane	58-89-9	0.1	mg/kg	-	-	0.00071	U	-	-	0.000708	U	-	-	-	-	-	-	-	-	0.000783	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methoxychlor	72-43-5	~	mg/kg	-	-	0.00319	U	-	-	0.00319	U	-	-	-	-	-	-	-	-	0.00352	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxaphene	8001-35-2	~	mg/kg	-	-	0.0319	U	-	-	0.0319	U	-	-	-	-	-	-	-	-	0.0352	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-Chlordane	5103-74-2	~	mg/kg	-	-	0.00213	U	-	-	0.00212	U	-	-	-	-	-	-	-	-	0.00235	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorinated Alkyl Acids by EPA 1633																																			
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	~	mg/kg									-	-	-	-	-	-	-	-	0.000781	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	~	mg/kg									-	-	-	-	-	-	-	-	0.000781	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtF	2991-50-6	~	mg/kg									-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NM	2355-31-9	~	mg/kg									-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg									-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg									-	-	-	-	-	-	-	-	0.000781	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg									-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg									-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg									-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg									-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg									-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg									-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg									-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg									-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg									-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg									-	-	-	-	-	-	-	-	0.000294		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg									-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg									-	-	-	-	-	-	-	-	0.00039	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg									-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg									-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg									-	-	-	-	-	-	-	-	0.000195	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PFOA/PFOS, Total	null	~	mg/kg									-	-	-	-	-	-	-	-	0.000294		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls by GC																																			
Aroclor 1016	12674-11-2	3.2	mg/kg	-	-	0.0528	U	-	-	0.0535	U	-	-	-	-	-	-	-	-	0.0587	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1221	11104-28-2	3.2	mg/kg	-	-	0.0528	U	-	-	0.0535	U	-	-	-	-	-	-	-	-	0.0587	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1232	11141-16-5	3.2	mg/kg	-	-	0.0528	U	-	-	0.0535	U	-	-	-	-	-	-	-	-	0.0587	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1242	53469-21-9	3.2	mg/kg	-	-	0.0528	U	-	-	0.0535	U	-	-	-	-	-	-	-	-	0.0587	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1248	12672-29-6	3.2	mg/kg	-	-	0.0528	U	-	-	0.0535	U	-	-	-	-	-	-	-	-	0.0587	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1254	11097-69-1	3.2	mg/kg	-	-	0.0528	U	-	-	0.0535	U	-	-	-	-	-	-	-	-	0.0125	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1260	11096-82-5	3.2	mg/kg	-	-	0.0528	U	-	-	0.0535	U	-	-	-	-	-	-	-	-	0.0587	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1262	37324-23-5	3.2	mg/kg	-	-	0.0528	U	-	-	0.0535	U	-	-	-	-	-	-	-	-	0.0587	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Aroclor 1268	11100-14-4	3.2	mg/kg	-	-	0.0528	U	-	-	0.0535	U	-	-	-	-	-	-	-	-	0.0587	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
PCBs, Total	1336-36-3	3.2	mg/kg	-	-	0.0528	U	-	-	0.0535	U	-	-	-	-	-	-	-	-	0.0125	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Semivolatile Organics by GC/MS																																			
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	-	-	0.18	U	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	-	-	0.18	U	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	0.18	U	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	0.18	U	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	0.18	U	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	0.027	U	-	-	0.27	U	0.03	U	0.029	U	-	-	0.029	U	0.029	U	0.029	U	0.027	U	0.028	U	0.029	U	-	-	0.031	U	0.032	U
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	-	-	0.18	U	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	-	-	0.11	U	-	-	1.1	U	0.12	U	0.12	U	-	-	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.12	U	-	-	0.12	U	0.13	U
2,4-Dichlorophenol	120-83-2	~	mg/kg	-	-	0.16	U	-	-	1.6	U	0.18	U	0.17	U	-	-	0.17	U	0.18	U	0.18	U	0.16	U	0.17	U	0.18	U	-	-	0.18	U	0.19	U
2,4-Dimethylphenol	105-67-9	~	mg/kg	-	-	0.18	U	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U
2,4-Dinitrophenol	51-28-5	~	mg/kg	-	-	0.86	U	-	-	8.8	U	0.98	U	0.93	U	-	-	0.92	U	0.94	U	0.94	U	0.88	U	0.9	U	0.94	U	-	-	0.98	U	1	U
2,4-Dinitrotoluene	121-14-2	~	mg/kg	-	-	0.18	U	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U
2,6-Dinitrotoluene	606-20-2	~	mg/kg	-	-	0.18	U	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U
2-Chloronaphthalene	91-58-7	~	mg/kg	-	-	0.18	U	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U
2-Chlorophenol	95-57-8	~	mg/kg	-	-	0.18	U	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U
2-Methylnaphthalene	91-57-6	~	mg/kg	-	-	0.82		-	-	0.69	J	0.24	U	0.1	J	-	-	0.18	J	0.064	J	0.24		0.058	J	0.22	U	0.17	J	-	-	0.19	J	0.26	U
2-Methylphenol	95-48-7	0.33	mg/kg	-	-	0.032	J	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U
2-Nitroaniline	88-74-4	~	mg/kg	-	-	0.18	U	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U
2-Nitrophenol	88-75-5	~	mg/kg	-	-	0.39	U	-	-	3.9	U	0.44	U	0.42	U	-	-	0.41	U	0.42	U	0.42	U	0.4	U	0.4	U	0.42	U	-	-	0.44	U	0.46	U
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	-	-	0.18	U	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44	0.33	mg/kg	-	-	0.11	J	-	-	2.6	U	0.29	U	0.041	J	-	-	0.032	J	0.28	U	0.067	J	0.26	U	0.27	U	0.036	J	-	-	0.29	U	0.31	U
3-Nitroaniline	99-09-2	~	mg/kg	-	-	0.18	U	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	-	-	0.47	U	-	-	4.8	U	0.53	U	0.5	U	-	-	0.5	U	0.51	U	0.51	U	0.48	U	0.49	U	0.51	U	-	-	0.53	U	0.56	U
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	-	-	0.18	U	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U

Table 3.3
Endpoint Analytical Data (6 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-13-073125		EP-14-071025 (6')		EP-14-071025 (6')		EP-15-071025 (6')		EP-16-012924		EP-18-013124		EP-18-013124		EP-19-013124		EP-20-012924		EP-21-012924		EP-22-013024		EP-23-011824		EP-24-011824		EP-24-011824		EP-25 012324		EP-31-013024	
SAMPLING DATE				7/31/2025		7/10/2025		7/10/2025		7/10/2025		1/29/2024		1/31/2024		1/31/2024		1/31/2024		1/29/2024		1/29/2024		1/30/2024		1/18/2024		1/18/2024		1/18/2024		1/23/2024		1/30/2024	
LAB SAMPLE ID				L2548019-01 R1		L2543562-02		L2543562-02 R1		L2543562-01		L2404855-11		L2405358-05		L2405358-05 R1		L2405358-06		L2404855-03		L2404855-06		L2405077-10		L2403041-15		L2403041-16		L2403041-16 R1		L2403798-04		L2405077-06	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
4-Chloroaniline	106-47-8	~	mg/kg	-	-	0.18	U	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	-	-	0.18	U	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U
4-Nitroaniline	100-01-6	~	mg/kg	-	-	0.18	U	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U
4-Nitrophenol	100-02-7	~	mg/kg	-	-	0.25	U	-	-	2.6	U	0.28	U	0.27	U	-	-	0.27	U	0.27	U	0.27	U	0.26	U	0.26	U	0.27	U	-	-	0.29	U	0.3	U
Acenaphthene	83-32-9	98	mg/kg	-	-	1.2		-	-	1.6		0.032	J	0.72		-	-	0.54		0.2		0.72		0.17		0.077	J	0.74		-	-	0.35		0.14	J
Acenaphthylene	208-96-8	107	mg/kg	-	-	1.2		-	-	2.4		0.13	J	0.33		-	-	0.42		0.067	J	0.38		0.11	J	0.1	J	0.59		-	-	0.34		0.15	J
Acetophenone	98-86-2	~	mg/kg	-	-	0.032	J	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U
Anthracene	120-12-7	1000	mg/kg	8.3		2.6		-	-	5		0.15		1.8		-	-	1.4		0.43		1.3		0.55		0.28		3		-	-	1.1		0.36	
Benzo(a)anthracene	56-55-3	1	mg/kg	**12**		**4.8**		-	-	**12**		0.65		**4.7**		-	-	**3.9**		**1**		**3**		**1.3**		**1.3**		**6.5**		-	-	**2.9**		**1.2**	
Benzo(a)pyrene	50-32-8	22	mg/kg	12		4.1		-	-	8.1		0.55		4.8		-	-	4		1.1		2.8		1.3		1.4		6.8		-	-	3.2		1.1	
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	**15**		**5.1**		-	-	**10**		0.69		**5.2**		-	-	**4.7**		1.2		**3.4**		1.5		**1.8**		**8**	E	**9**		**3.5**		1.2	
Benzo(ghi)perylene	191-24-2	1000	mg/kg	6.2		2.5		-	-	6.1		0.33		3		-	-	2.4		0.6		1.9		0.72		0.95		4		-	-	1.9		0.48	
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	-	-	1.4		-	-	**2.9**		0.24		1.6		-	-	**1.7**		0.43		1.2		0.51		0.55		**2.8**		-	-	1.1		0.44	
Benzoic Acid	65-85-0	~	mg/kg	-	-	0.58	U	-	-	5.9	U	0.66	U	0.62	U	-	-	0.62	U	0.63	U	0.64	U	0.59	U	0.61	U	0.63	U	-	-	0.66	U	0.7	U
Benzyl Alcohol	100-51-6	~	mg/kg	-	-	0.18	U	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U
Biphenyl	92-52-4	~	mg/kg	-	-	0.2	J	-	-	0.24	J	0.46	U	0.048	J	-	-	0.069	J	0.44	U	0.056	J	0.42	U	0.43	U	0.056	J	-	-	0.082	J	0.49	U
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	-	-	0.19	U	-	-	2	U	0.22	U	0.21	U	-	-	0.21	U	0.21	U	0.21	U	0.2	U	0.2	U	0.21	U	-	-	0.22	U	0.23	U
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	-	-	0.16	U	-	-	1.6	U	0.18	U	0.17	U	-	-	0.17	U	0.18	U	0.18	U	0.16	U	0.17	U	0.18	U	-	-	0.18	U	0.19	U
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	-	-	0.22	U	-	-	2.2	U	0.24	U	0.23	U	-	-	0.23	U	0.23	U	0.24	U	0.22	U	0.22	U	0.23	U	-	-	0.24	U	0.26	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	-	-	0.18	U	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	1.8		0.21	U
Butyl benzyl phthalate	85-68-7	~	mg/kg	-	-	0.18	U	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U
Carbazole	86-74-8	~	mg/kg	-	-	0.94		-	-	1.7	J	0.034	J	0.53		-	-	0.41		0.11	J	0.4		0.22		0.1	J	0.59		-	-	0.32		0.089	J
Chrysene	218-01-9	1	mg/kg	**12**		**4.5**		-	-	**10**		0.58		**4.3**		-	-	**3.6**		**1**		**3**		**1.3**		**1.4**		**6.2**		-	-	**2.8**		**1**	
Di-n-butylphthalate	84-74-2	~	mg/kg	-	-	0.18	U	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U
Di-n-octylphthalate	117-84-0	~	mg/kg	-	-	0.18	U	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	-	-	0.56		-	-	1.6		0.087	J	0.64		-	-	0.56		0.13		0.45		0.2		0.22		0.9		-	-	0.41		0.17	
Dibenzofuran	132-64-9	210	mg/kg	-	-	0.64		-	-	1	J	0.024	J	0.32		-	-	0.34		0.11	J	0.42		0.14	J	0.036	J	0.4		-	-	0.23		0.087	J
Diethyl phthalate	84-66-2	~	mg/kg	-	-	0.18	U	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U
Dimethyl phthalate	131-11-3	~	mg/kg	-	-	0.18	U	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U
Fluoranthene	206-44-0	1000	mg/kg	31		8.1	E	8.2		25		1.2		9.6	E	9.2		6.9		2.2		6.1		3.1		2.8		15	E	17		6.3		2.5	
Fluorene	86-73-7	386	mg/kg	-	-	1.2		-	-	2.1		0.04	J	0.61		-	-	0.52		0.2		0.64		0.22		0.09	J	0.84		-	-	0.37		0.11	J
Hexachlorobenzene	118-74-1	3.2	mg/kg	-	-	0.11	U	-	-	1.1	U	0.12	U	0.12	U	-	-	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.12	U	-	-	0.12	U	0.13	U
Hexachlorobutadiene	87-68-3	~	mg/kg	-	-	0.18	U	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	-	-	0.51	U	-	-	5.2	U	0.58	U	0.55	U	-	-	0.55	U	0.56	U	0.56	U	0.52	U	0.54	U	0.56	U	-	-	0.58	U	0.61	U
Hexachloroethane	67-72-1	~	mg/kg	-	-	0.14	U	-	-	1.5	U	0.16	U	0.15	U	-	-	0.15	U	0.16	U	0.16	U	0.15	U	0.15	U	0.16	U	-	-	0.16	U	0.17	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	6.9		2.2		-	-	6.5		0.33		2.7		-	-	2.4		0.62		1.8		0.68		0.91		4		-	-	1.6		0.49	
Isophorone	78-59-1	~	mg/kg	-	-	0.16	U	-	-	1.6	U	0.18	U	0.17	U	-	-	0.17	U	0.18	U	0.18	U	0.16	U	0.17	U	0.18	U	-	-	0.18	U	0.19	U
n-Nitrosodi-n-propylamine	621-64-7	~	mg/kg	-	-	0.18	U	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U
Naphthalene	91-20-3	12	mg/kg	-	-	1.5		-	-	1.5	J	0.038	J	0.23		-	-	0.33		0.14	J	0.79		0.11	J	0.026	J	0.24		-	-	0.37		0.054	J
NDPA/DPA	86-30-6	~	mg/kg	-	-	0.14	U	-	-	1.5	U	0.16	U	0.15	U	-	-	0.15	U	0.16	U	0.16	U	0.15	U	0.15	U	0.16	U	-	-	0.16	U	0.17	U
Nitrobenzene	98-95-3	~	mg/kg	-	-	0.16	U	-	-	1.6	U	0.18	U	0.17	U	-	-	0.17	U	0.18	U	0.18	U	0.16	U	0.17	U	0.18	U	-	-	0.18	U	0.19	U
p-Chloro-m-cresol	59-50-7	~	mg/kg	-	-	0.18	U	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.2	U	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U
Pentachlorophenol	87-86-5	0.8	mg/kg	-	-	0.14	U	-	-	1.5	U	0.16	U	0.15	U	-	-	0.15	U	0.16	U	0.16	U	0.15	U	0.15	U	0.16	U	-	-	0.16	U	0.17	U
Phenanthrene	85-01-8	1000	mg/kg	37		8.9	E	10		20		0.43		6.2		-	-	4.7		1.6		4.7		2.2		1.4		9.5	E	11		3.9		0.96	
Phenol	108-95-2	0.33	mg/kg	-	-	0.069	J	-	-	1.8	U	0.2	U	0.19	U	-	-	0.19	U	0.2	U	0.057	J	0.18	U	0.19	U	0.2	U	-	-	0.2	U	0.21	U
Pyrene	129-00-0	1000	mg/kg	26		7.5	E	7.4		22		1.1		8.5	E	8.2		6.2		1.9		5.5		2.6		2.3		13	E	15		6		2.1	
Total Metals																																			
Aluminum, Total	7429-90-5		mg/kg	-	-	1580		-	-	2470		-	-	-	-	-	-	-	-	4380		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Antimony, Total	7440-36-0		mg/kg	-	-	4.16	U	-	-	4.4	U	-	-	-	-	-	-	-	-	0.743	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Arsenic, Total	7440-38-2	16	mg/kg	-	-	3.51		-	-	5.9		**69**		9.14		-	-	6.9		8.7		8.66		5.83		4.08		**22.6**		-	-	8.77		5.51	
Barium, Total	7440-39-3	820	mg/kg	-	-	47.4		-	-	122		-	-	-	-	-	-	-	-	80.1		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Beryllium, Total	7440-41-7	47	mg/kg	-	-	0.198	J	-	-	0.419	J	-	-	-	-	-	-	-	-	0.249		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cadmium, Total	7440-43-9	7.5	mg/kg	-	-	0.832	U	-	-	1.52		-	-	-	-	-	-	-	-	0.202	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calcium, Total	7440-70-2		mg/kg	-	-	120000		-	-	17200		-	-	-	-	-	-	-	-	1580		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chromium, Total	7440-47-3		mg/kg	-	-	3.49		-	-	6.29		-	-	-	-	-	-	-	-	9.3		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cobalt, Total	7440-48-4		mg/kg	-	-	1.89		-	-	2.74		-	-	-	-	-	-	-	-	4.94		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Copper, Total	7440-50-8	1720	mg/kg	-	-	73.5		-	-	218		-	-	-	-	-	-	-	-	43		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Iron, Total	7439-89-6		mg/kg	-	-	5510		-	-	8320		-	-	-	-	-	-	-	-	10600		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lead, Total	7439-92-1	450	mg/kg	-	-	101		-	-	311		-	-	-	-	-	-	-	-	245		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Magnesium, Total	7439-95-4		mg/kg	-	-	63600		-	-	3110		-	-	-	-	-	-	-	-	1150		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Manganese, Total	7439-96-5	2000	mg/kg	-	-	127		-	-	153		-	-	-	-	-	-	-	-	92.4		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Mercury, Total	7439-97-6	0.73	mg/kg	-	-	**1.1**		-	-	**0.958**		-	-	-	-	-	-	-	-	0.23		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nickel, Total	7440-02-0	130	mg/kg	-	-	5.08		-	-	14.6		-	-	-	-	-	-	-	-	10.5		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Potassium, Total	7440-09-7		mg/kg	-	-	287		-	-	351		-	-	-	-	-	-	-	-	462		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Selenium, Total	7782-49-2	4	mg/kg	-	-	0.656	J	-	-	0.926	J	-	-	-	-	-	-	-	-	0.363	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Silver, Total	7440-22-4	8.3	mg/kg	-	-	0.416	U	-	-	0.44	U	-	-	-	-	-	-	-	-	0.236	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Sodium, Total	7440-23-5		mg/kg	-	-	189		-	-	153	J	-	-	-	-	-	-	-	-	69.5	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Thallium, Total	7440-28-0		mg/kg	-	-	1.66	U	-	-	1.76	U	-	-	-	-	-	-	-	-	0.943	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vanadium, Total	7440-62-2		mg/kg	-	-	5.83		-	-	9.3		-	-	-	-	-	-	-	-	13.7		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zinc, Total	7440-66-6	2480	mg/kg	-	-	85		-	-	453		-	-	-	-	-	-	-	-	145		-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organics by EPA 5035																																			
1,1,1,2-Tetrachloroethane	630-20-6		mg/kg	-	-	0.00082	U	-	-	0.0007	U	-	-	-	-	-	-	-	-	0.00069	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	-	-	0.00082	U	-	-	0.0007	U	-	-	-	-	-	-	-	-	0.00069	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2,2-Tetrachloroethane	79-34-5		mg/kg	-	-	0.00082	U	-	-	0.0007	U	-	-	-	-	-	-	-	-	0.00069	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1,2-Trichloroethane	79-00-5		mg/kg	-	-	0.0016	U	-	-	0.0014	U	-	-	-	-	-	-	-	-	0.0014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethane	75-34-3	0.27	mg/kg	-	-	0.0016	U	-	-	0.0014	U	-	-	-	-	-	-	-	-	0.0014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloroethene	75-35-4	0.33	mg/kg	-	-	0.0016	U	-	-	0.0014	U	-	-	-	-	-	-	-	-	0.0014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,1-Dichloropropene	563-58-6		mg/kg	-	-	0.00082	U	-	-	0.0007	U	-	-	-	-	-	-	-	-	0.00069	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichlorobenzene	87-61-6		mg/kg	-	-	0.0033	U	-	-	0.0028	U	-	-	-	-	-	-	-	-	0.0028	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3-Trichloropropane	96-18-4		mg/kg	-	-	0.0033	U	-	-	0.0028	U	-	-	-	-	-	-	-	-	0.0028	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4,5-Tetramethylbenzene	95-93-2		mg/kg	-	-	0.0033	U	-	-	0.0028	U	-	-	-	-	-	-	-	-	0.0028	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trichlorobenzene	120-82-1		mg/kg	-	-	0.0033	U	-	-	0.0028	U	-	-	-	-	-	-	-	-	0.0028	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	-	-	0.0033	U	-	-	0.0028	U	-	-	-	-	-	-	-	-	0.0028	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromo-3-chloropropane	96-12-8		mg/kg	-	-	0.0049	U	-	-	0.0042	U	-	-	-	-	-	-	-	-	0.0041	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dibromoethane	106-93-4		mg/kg	-	-	0.0016	U	-	-	0.0014	U	-	-	-	-	-	-	-	-	0.0014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Table 3.3
Endpoint Analytical Data (6 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-13-073125		EP-14-071025 (6')		EP-14-071025 (6')		EP-15-071025 (6')		EP-16-012924		EP-18-013124		EP-18-013124		EP-19-013124		EP-20-012924		EP-21-012924		EP-22-013024		EP-23-011824		EP-24-011824		EP-24-011824		EP-25 012324		EP-31-013024	
SAMPLING DATE				7/31/2025		7/10/2025		7/10/2025		7/10/2025		1/29/2024		1/31/2024		1/31/2024		1/31/2024		1/29/2024		1/29/2024		1/30/2024		1/18/2024		1/18/2024		1/18/2024		1/23/2024		1/30/2024	
LAB SAMPLE ID				L2548019-01 R1		L2543562-02		L2543562-02 R1		L2543562-01		L2404855-11		L2405358-05		L2405358-05 R1		L2405358-06		L2404855-03		L2404855-06		L2405077-10		L2403041-15		L2403041-16		L2403041-16 R1		L2403798-04		L2405077-06	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	0.0033	U	-	-	0.0028	U	-	-	-	-	-	-	-	-	0.0028	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethane	107-06-2	0.02	mg/kg	-	-	0.0016	U	-	-	0.0014	U	-	-	-	-	-	-	-	-	0.0014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloroethene, Total	540-59-0		mg/kg	-	-	0.0016	U	-	-	0.0014	U	-	-	-	-	-	-	-	-	0.0014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2-Dichloropropane	78-87-5		mg/kg	-	-	0.0016	U	-	-	0.0014	U	-	-	-	-	-	-	-	-	0.0014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	-	-	0.0033	U	-	-	0.0028	U	-	-	-	-	-	-	-	-	0.0028	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	0.0033	U	-	-	0.0028	U	-	-	-	-	-	-	-	-	0.0028	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropane	142-28-9		mg/kg	-	-	0.0033	U	-	-	0.0028	U	-	-	-	-	-	-	-	-	0.0028	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,3-Dichloropropene, Total	542-75-6		mg/kg	-	-	0.00082	U	-	-	0.0007	U	-	-	-	-	-	-	-	-	0.00069	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	0.0033	U	-	-	0.0028	U	-	-	-	-	-	-	-	-	0.0028	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	0.13	U	-	-	0.11	U	-	-	-	-	-	-	-	-	**0.11**	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2,2-Dichloropropane	594-20-7		mg/kg	-	-	0.0033	U	-	-	0.0028	U	-	-	-	-	-	-	-	-	0.0028	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Butanone	78-93-3	0.12	mg/kg	-	-	0.016	U	-	-	0.014	U	-	-	-	-	-	-	-	-	0.014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
2-Hexanone	591-78-6		mg/kg	-	-	0.016	U	-	-	0.014	U	-	-	-	-	-	-	-	-	0.014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
4-Methyl-2-pentanone	108-10-1		mg/kg	-	-	0.016	U	-	-	0.014	U	-	-	-	-	-	-	-	-	0.014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acetone	67-64-1	0.05	mg/kg	-	-	0.016	U	-	-	0.014	U	-	-	-	-	-	-	-	-	0.014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Acrylonitrile	107-13-1		mg/kg	-	-	0.0066	U	-	-	0.0056	U	-	-	-	-	-	-	-	-	0.0055	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Benzene	71-43-2	0.06	mg/kg	-	-	0.00082	U	-	-	0.0007	U	-	-	-	-	-	-	-	-	0.00069	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromobenzene	108-86-1		mg/kg	-	-	0.0033	U	-	-	0.0028	U	-	-	-	-	-	-	-	-	0.0028	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromochloromethane	74-97-5		mg/kg	-	-	0.0033	U	-	-	0.0028	U	-	-	-	-	-	-	-	-	0.0028	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromodichloromethane	75-27-4		mg/kg	-	-	0.00082	U	-	-	0.0007	U	-	-	-	-	-	-	-	-	0.00069	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromoform	75-25-2		mg/kg	-	-	0.0066	U	-	-	0.0056	U	-	-	-	-	-	-	-	-	0.0055	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Bromomethane	74-83-9		mg/kg	-	-	0.0033	U	-	-	0.0028	U	-	-	-	-	-	-	-	-	0.0028	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon disulfide	75-15-0		mg/kg	-	-	0.016	U	-	-	0.014	U	-	-	-	-	-	-	-	-	0.014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Carbon tetrachloride	56-23-5	0.76	mg/kg	-	-	0.0016	U	-	-	0.0014	U	-	-	-	-	-	-	-	-	0.0014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlorobenzene	108-90-7	1.1	mg/kg	-	-	0.00082	U	-	-	0.0007	U	-	-	-	-	-	-	-	-	0.00069	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroethane	75-00-3		mg/kg	-	-	0.0033	U	-	-	0.0028	U	-	-	-	-	-	-	-	-	0.0028	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloroform	67-66-3	0.37	mg/kg	-	-	0.0025	U	-	-	0.0021	U	-	-	-	-	-	-	-	-	0.0021	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chloromethane	74-87-3		mg/kg	-	-	0.0066	U	-	-	0.0056	U	-	-	-	-	-	-	-	-	0.0055	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	-	-	0.0016	U	-	-	0.0014	U	-	-	-	-	-	-	-	-	0.0014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cis-1,3-Dichloropropene	10061-01-5		mg/kg	-	-	0.00082	U	-	-	0.0007	U	-	-	-	-	-	-	-	-	0.00069	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromochloromethane	124-48-1		mg/kg	-	-	0.0016	U	-	-	0.0014	U	-	-	-	-	-	-	-	-	0.0014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dibromomethane	74-95-3		mg/kg	-	-	0.0033	U	-	-	0.0028	U	-	-	-	-	-	-	-	-	0.0028	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane	75-71-8		mg/kg	-	-	0.016	U	-	-	0.014	U	-	-	-	-	-	-	-	-	0.014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethyl ether	60-29-7		mg/kg	-	-	0.0033	U	-	-	0.0028	U	-	-	-	-	-	-	-	-	0.0028	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ethylbenzene	100-41-4	1	mg/kg	-	-	0.0016	U	-	-	0.0014	U	-	-	-	-	-	-	-	-	0.0014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hexachlorobutadiene	87-68-3		mg/kg	-	-	0.0066	U	-	-	0.0056	U	-	-	-	-	-	-	-	-	0.0055	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Isopropylbenzene	98-82-8		mg/kg	-	-	0.0016	U	-	-	0.0014	U	-	-	-	-	-	-	-	-	0.0014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	-	-	0.0033	U	-	-	0.0028	U	-	-	-	-	-	-	-	-	0.0028	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Methylene chloride	75-09-2	0.05	mg/kg	-	-	0.0082	U	-	-	0.007	U	-	-	-	-	-	-	-	-	0.0069	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Butylbenzene	104-51-8	12	mg/kg	-	-	0.0016	U	-	-	0.0014	U	-	-	-	-	-	-	-	-	0.0014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
n-Propylbenzene	103-65-1	3.9	mg/kg	-	-	0.0016	U	-	-	0.0014	U	-	-	-	-	-	-	-	-	0.0014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Naphthalene	91-20-3	12	mg/kg	-	-	0.0066	U	-	-	0.0056	U	-	-	-	-	-	-	-	-	0.0055	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Chlorotoluene	95-49-8		mg/kg	-	-	0.0033	U	-	-	0.0028	U	-	-	-	-	-	-	-	-	0.0028	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
o-Xylene	95-47-6		mg/kg	-	-	0.0016	U	-	-	0.0014	U	-	-	-	-	-	-	-	-	0.0014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Chlorotoluene	106-43-4		mg/kg	-	-	0.0033	U	-	-	0.0028	U	-	-	-	-	-	-	-	-	0.0028	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Diethylbenzene	105-05-5		mg/kg	-	-	0.0033	U	-	-	0.0028	U	-	-	-	-	-	-	-	-	0.0028	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Ethyltoluene	622-96-8		mg/kg	-	-	0.0033	U	-	-	0.0028	U	-	-	-	-	-	-	-	-	0.0028	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p-Isopropyltoluene	99-87-6		mg/kg	-	-	0.0016	U	-	-	0.0014	U	-	-	-	-	-	-	-	-	0.0014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
p/m-Xylene	179601-23-1		mg/kg	-	-	0.0033	U	-	-	0.0028	U	-	-	-	-	-	-	-	-	0.0028	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
sec-Butylbenzene	135-98-8	11	mg/kg	-	-	0.0016	U	-	-	0.0014	U	-	-	-	-	-	-	-	-	0.0014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	100-42-5		mg/kg	-	-	0.0016	U	-	-	0.0014	U	-	-	-	-	-	-	-	-	0.0014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
tert-Butylbenzene	98-06-6	5.9	mg/kg	-	-	0.0033	U	-	-	0.0028	U	-	-	-	-	-	-	-	-	0.0028	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethene	127-18-4	1.3	mg/kg	-	-	0.00082	U	-	-	0.0007	U	-	-	-	-	-	-	-	-	0.00069	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	108-88-3	0.7	mg/kg	-	-	0.0016	U	-	-	0.0014	U	-	-	-	-	-	-	-	-	0.0014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	-	-	0.0025	U	-	-	0.0021	U	-	-	-	-	-	-	-	-	0.0021	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,3-Dichloropropene	10061-02-6		mg/kg	-	-	0.0016	U	-	-	0.0014	U	-	-	-	-	-	-	-	-	0.0014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
trans-1,4-Dichloro-2-butene	110-57-6		mg/kg	-	-	0.0082	U	-	-	0.007	U	-	-	-	-	-	-	-	-	0.0069	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichloroethene	79-01-6	0.47	mg/kg	-	-	0.00082	U	-	-	0.0007	U	-	-	-	-	-	-	-	-	0.00069	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorofluoromethane	75-69-4		mg/kg	-	-	0.0066	U	-	-	0.0056	U	-	-	-	-	-	-	-	-	0.0055	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl acetate	108-05-4		mg/kg	-	-	0.016	U	-	-	0.014	U	-	-	-	-	-	-	-	-	0.014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	75-01-4	0.02	mg/kg	-	-	0.0016	U	-	-	0.0014	U	-	-	-	-	-	-	-	-	0.0014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylenes, Total	1330-20-7	1.6	mg/kg	-	-	0.0016	U	-	-	0.0014	U	-	-	-	-	-	-	-	-	0.0014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-

* Comparison is not performed on parameters with non-numeric criteria.
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Crite

Table 3.3
Endpoint Analytical Data (6 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-32-013024		EP-33-013024		EP-33-013024		EP-34-013124		EP-34-013124		EP-35-012924		EP-36-013124		EP-37-020124		EP-38-011824		EP-38-011824		EP-39-011824		EP-40 012324		EP-40 012324		EP-41 012324		EP-41 012324		EP-46-013024		EP-47-013024	
SAMPLING DATE				1/30/2024		1/30/2024		1/30/2024		1/31/2024		1/31/2024		1/29/2024		1/31/2024		2/1/2024		1/18/2024		1/18/2024		1/18/2024		1/23/2024		1/23/2024		1/23/2024		1/23/2024		1/30/2024		1/30/2024	
LAB SAMPLE ID				L2405077-07		L2405077-17		L2405077-17 R1		L2405358-07		L2405358-07 R1		L2404855-01		L2405358-01		L2405669-01		L2403041-13		L2403041-13 R1		L2403041-14		L2403798-03		L2403798-03 R1		L2403798-05		L2403798-05 R1		L2405077-08		L2405077-09	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																																					
Chromium, Hexavalent	18540-29-9	19	mg/kg	0.934	U	0.95	U	-	-	1.04	U	-	-	0.452	J	0.971	U	0.937	U	0.984	U	-	-	0.206	J	0.983	U	-	-	0.95	U	-	-	1.2	U	0.91	U
Cyanide, Total	57-12-5	40	mg/kg	1.2	U	-	-	-	-	-	-	-	-	1.1	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	U
Solids, Total	NONE	~	%	85.6		84.2		-	-	77.2				86.3		82.4		85.4		81.3		-	-	82.4		81.4		-	-	84.2		-	-	66.5		87.9	
Organochlorine Pesticides by GC																																					
4,4'-DDD	72-54-8	14	mg/kg	0.00182	U	-	-	-	-	-	-	-	-	0.00182	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00179	U
4,4'-DDE	72-55-9	17	mg/kg	0.00182	U	-	-	-	-	-	-	-	-	0.00182	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00179	U
4,4'-DDT	50-29-3	136	mg/kg	0.00182	U	-	-	-	-	-	-	-	-	0.00182	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00179	U
Aldrin	309-00-2	0.19	mg/kg	0.00182	U	-	-	-	-	-	-	-	-	0.00182	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00179	U
Alpha-BHC	319-84-6	0.02	mg/kg	0.00076	U	-	-	-	-	-	-	-	-	0.000758	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000745	U
Beta-BHC	319-85-7	0.09	mg/kg	0.00182	U	-	-	-	-	-	-	-	-	0.00182	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00179	U
Chlordane	57-74-9		mg/kg	0.0152	U	-	-	-	-	-	-	-	-	0.0152	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0149	U
cis-Chlordane	5103-71-9	2.9	mg/kg	0.00228	U	-	-	-	-	-	-	-	-	0.00228	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00224	U
Delta-BHC	319-86-8	0.25	mg/kg	0.00182	U	-	-	-	-	-	-	-	-	0.00182	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00179	U
Dieldrin	60-57-1	0.1	mg/kg	0.00114	U	-	-	-	-	-	-	-	-	0.00114	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00112	U
Endosulfan I	959-98-8	102	mg/kg	0.00182	U	-	-	-	-	-	-	-	-	0.00182	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00179	U
Endosulfan II	33213-65-9	102	mg/kg	0.00182	U	-	-	-	-	-	-	-	-	0.00182	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00179	U
Endosulfan sulfate	1031-07-8	1000	mg/kg	0.00076	U	-	-	-	-	-	-	-	-	0.000758	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000745	U
Endrin	72-20-8	0.06	mg/kg	0.00076	U	-	-	-	-	-	-	-	-	0.000758	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000745	U
Endrin aldehyde	7421-93-4	~	mg/kg	0.00228	U	-	-	-	-	-	-	-	-	0.00228	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00224	U
Endrin ketone	53494-70-5	~	mg/kg	0.00182	U	-	-	-	-	-	-	-	-	0.00182	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00179	U
Heptachlor	76-44-8	0.38	mg/kg	0.000911	U	-	-	-	-	-	-	-	-	0.00091	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000894	U
Heptachlor epoxide	1024-57-3	~	mg/kg	0.00342	U	-	-	-	-	-	-	-	-	0.00341	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00335	U
Lindane	58-89-9	0.1	mg/kg	0.00076	U	-	-	-	-	-	-	-	-	0.000758	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000745	U
Methoxychlor	72-43-5	~	mg/kg	0.00342	U	-	-	-	-	-	-	-	-	0.00341	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00335	U
Toxaphene	8001-35-2	~	mg/kg	0.0342	U	-	-	-	-	-	-	-	-	0.0341	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0335	U
trans-Chlordane	5103-74-2	~	mg/kg	0.00228	U	-	-	-	-	-	-	-	-	0.00228	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00224	U
Perfluorinated Alkyl Acids by EPA 1633																																					
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	~	mg/kg	0.000755	U	-	-	-	-	-	-	-	-	0.000798	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000787	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	~	mg/kg	0.000377	U	-	-	-	-	-	-	-	-	0.00178		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000394	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtF	2991-50-6	~	mg/kg	0.000189	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000197	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NM	2355-31-9	~	mg/kg	0.000189	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000197	U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	0.000189	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000035	J
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	0.000189	U	-	-	-	-	-	-	-	-	0.000798	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000197	U
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	0.000189	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000236	
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	0.000755	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000787	U
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	0.000189	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000197	U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	0.000189	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000197	U
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	0.000189	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000197	U
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	0.000189	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000197	U
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	0.000755	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000787	U
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	0.000189	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000197	U
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	0.000189	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000197	U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	0.000189	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000197	U
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	0.000189	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000197	U
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	0.000189	U	-	-	-	-	-	-	-	-	0.000399	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000197	U
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	0.000189	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000197	U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	0.000189	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000197	U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	0.000189	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000197	U
PFOA/PFOS, Total	null	~	mg/kg	0.000189	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000236	
Polychlorinated Biphenyls by GC																																					
Aroclor 1016	12674-11-2	3.2	mg/kg	0.0553	U	-	-	-	-	-	-	-	-	0.0562	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0544	U
Aroclor 1221	11104-28-2	3.2	mg/kg	0.0553	U	-	-	-	-	-	-	-	-	0.0562	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0544	U
Aroclor 1232	11141-16-5	3.2	mg/kg	0.0553	U	-	-	-	-	-	-	-	-	0.0562	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0544	U
Aroclor 1242	53469-21-9	3.2	mg/kg	0.0553	U	-	-	-	-	-	-	-	-	0.0562	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0544	U
Aroclor 1248	12672-29-6	3.2	mg/kg	0.0553	U	-	-	-	-	-	-	-	-	0.0562	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0544	U
Aroclor 1254	11097-69-1	3.2	mg/kg	0.0553	U	-	-	-	-	-	-	-	-	0.0562	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0544	U
Aroclor 1260	11096-82-5	3.2	mg/kg	0.0553	U	-	-	-	-	-	-	-	-	0.0562	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0544	U
Aroclor 1262	37324-23-5	3.2	mg/kg	0.0553	U	-	-	-	-	-	-	-	-	0.0562	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0544	U
Aroclor 1268	11100-14-4	3.2	mg/kg	0.0553	U	-	-	-	-	-	-	-	-	0.0562	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0544	U
PCBs, Total	1336-36-3	3.2	mg/kg	0.0553	U	-	-	-	-	-	-	-	-	0.0562	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0544	U
Semivolatile Organics by GC/MS																																					
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	0.19	U	0.19	U	-	-	0.21	U	-	-	0.19	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	-	-	0.24	U	0.19	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.19	U	0.19	U	-	-	0.21	U	-	-	0.19	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	-	-	0.24	U	0.19	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.19	U	0.19	U	-	-	0.21	U	-	-	0.19	U	0.072	J	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	-	-	0.24	U	0.19	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.19	U	0.19	U	-	-	0.21	U	-	-	0.19	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	-	-	0.24	U	0.19	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.19	U	0.19	U	-	-	0.21	U	-	-	0.19	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	-	-	0.24	U	0.19	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.029	U	0.029	U	-	-	0.032	U	-	-	0.029	U	0.03	U	0.029	U	0.031	U	-	-	0.03	U	0.03	U	-	-	0.03	U	-	-	0.037	U	0.028	U
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	0.19	U	0.19	U	-	-	0.21	U	-	-	0.19	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	-	-	0.24	U	0.19	U
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	0.12	U	0.12	U	-	-	0.13	U	-	-	0.12	U	0.12	U	0.12	U	0.12	U	-	-	0.12	U	0.12	U	-	-	0.12	U	-	-	0.15	U	0.11	U
2,4-Dichlorophenol	120-83-2	~	mg/kg	0.17	U	0.17	U	-	-	0.19	U	-	-	0.17	U	0.18	U	0.17	U	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	-	-	0.22	U	0.17	U
2,4-Dimethylphenol	105-67-9	~	mg/kg	0.19	U	0.19	U	-	-	0.21	U	-	-	0.19	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	-	-	0.24	U	0.19	U
2,4-Dinitrophenol	51-28-5	~	mg/kg	0.93	U	0.93	U	-	-	1	U	-	-	0.92	U	0.96	U	0.93	U	0.98	U	-	-	0.96	U	0.97	U	-	-	0.94	U	-	-	1.2	U	0.89	U
2,4-Dinitrotoluene	121-14-2	~	mg/kg	0.19	U	0.19	U	-	-	0.21	U	-	-	0.19	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	-	-	0.24	U	0.19	U
2,6-Dinitrotoluene	606-20-2	~	mg/kg	0.19	U	0.19	U	-	-	0.21	U	-	-	0.19	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	-	-	0.24	U	0.19	U
2-Chloronaphthalene	91-58-7	~	mg/kg	0.19	U	0.19	U	-	-	0.21	U	-	-	0.19	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	-	-	0.24	U	0.19	U
2-Chlorophenol	95-57-8	~	mg/kg	0.19	U	0.19	U	-	-	0.21	U	-	-	0.19	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	-	-	0.24	U	0.19	U
2-Methylnaphthalene	91-57-6	~	mg/kg	0.23	U	0.43		-	-	0.46		-	-	0.23	U	0.36		0.084	J	0.56		-	-	0.065	J	1.6		-	-	0.42		-	-	0.062	J	0.049	J
2-Methylphenol	95-48-7	0.33	mg/kg	0.19	U	0.19	U	-	-	0.041	J	-	-	0.19	U	0.038	J	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	-	-	0.24	U	0.19	U
2-Nitroaniline	88-74-4	~	mg/kg	0.19	U	0.19	U	-	-	0.21	U	-	-	0.19	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	-	-	0.24	U	0.19	U
2-Nitrophenol	88-75-5	~	mg/kg	0.42	U	0.42	U	-	-	0.46	U	-	-	0.41	U	0.43	U	0.42	U	0.44	U	-	-	0.43	U	0.44	U	-	-	0.42	U	-	-	0.53	U	0.4	U
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	0.19	U	0.19	U	-	-	0.21	U	-	-	0.19	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	-	-	0.24	U	0.19	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44	0.33	mg/kg	0.28	U	0.087	J	-	-	0.11	J	-	-	0.28	U	0.13	J	0.28	U	0.054	J	-	-	0.29	U	0.047	J	-	-	0.078	J	-	-	0.35	U	0.27	U
3-Nitroaniline	99-09-2	~	mg/kg	0.19	U	0.19	U	-	-	0.21	U	-	-	0.19	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	-	-	0.24	U	0.19	U
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	0.5	U	0.5	U	-	-	0.56	U	-	-	0.5	U	0.52	U	0.5	U	0.53	U	-	-	0.52	U	0.52	U	-	-	0.51	U	-	-	0.63	U	0.48	U
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	0.19	U	0.19	U	-	-	0.21	U	-	-	0.19	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	-	-	0.24	U	0.19	U

Table 3.3
Endpoint Analytical Data (6 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-32-013024		EP-33-013024		EP-33-013024		EP-34-013124		EP-34-013124		EP-35-012924		EP-36-013124		EP-37-020124		EP-38-011824		EP-38-011824		EP-39-011824		EP-40 012324		EP-40 012324		EP-41 012324		EP-41 012324		EP-46-013024		EP-47-013024	
SAMPLING DATE				1/30/2024		1/30/2024		1/30/2024		1/31/2024		1/31/2024		1/29/2024		1/31/2024		2/1/2024		1/18/2024		1/18/2024		1/18/2024		1/23/2024		1/23/2024		1/23/2024		1/23/2024		1/30/2024		1/30/2024	
LAB SAMPLE ID				L2405077-07		L2405077-17		L2405077-17 R1		L2405358-07		L2405358-07 R1		L2404855-01		L2405358-01		L2405669-01		L2403041-13		L2403041-13 R1		L2403041-14		L2403798-03		L2403798-03 R1		L2403798-05		L2403798-05 R1		L2405077-08		L2405077-09	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
4-Chloroaniline	106-47-8	~	mg/kg	0.19	U	0.19	U	-	-	0.21	U	-	-	0.19	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	-	-	0.24	U	0.19	U
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	0.19	U	0.19	U	-	-	0.21	U	-	-	0.19	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	-	-	0.24	U	0.19	U
4-Nitroaniline	100-01-6	~	mg/kg	0.19	U	0.19	U	-	-	0.21	U	-	-	0.19	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	-	-	0.24	U	0.19	U
4-Nitrophenol	100-02-7	~	mg/kg	0.27	U	0.27	U	-	-	0.3	U	-	-	0.27	U	0.28	U	0.27	U	0.29	U	-	-	0.28	U	0.28	U	-	-	0.28	U	-	-	0.34	U	0.26	U
Acenaphthene	83-32-9	98	mg/kg	0.15	U	1		-	-	1.8		-	-	0.15	U	0.75		0.27		1.7		-	-	0.27		0.83		-	-	0.71		-	-	0.066	J	0.071	J
Acenaphthylene	208-96-8	107	mg/kg	0.15	U	0.44		-	-	1.8		-	-	0.15	U	0.44		0.084	J	0.87		-	-	0.2		0.84		-	-	0.35		-	-	0.057	J	0.075	J
Acetophenone	98-86-2	~	mg/kg	0.19	U	0.048	J	-	-	0.13	J	-	-	0.19	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	-	-	0.24	U	0.19	U
Anthracene	120-12-7	1000	mg/kg	0.12	U	3		-	-	3.3		-	-	0.12	U	1.4		0.6		4.2		-	-	1		3.1		-	-	2.1		-	-	0.22		0.14	
Benzo(a)anthracene	56-55-3	1	mg/kg	0.12	U	**5.2**		-	-	**7.4**		-	-	0.048	J	**3.1**		**1.3**		**10**	E	**13**		**2.4**		**6.5**		-	-	**4**		-	-	0.62		0.32	
Benzo(a)pyrene	50-32-8	22	mg/kg	0.15	U	5.2		-	-	7.7		-	-	0.051	J	3.1		1.3		12	E	14		2.5		6.8		-	-	4.2		-	-	0.69		0.4	
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	0.12	U	**6.4**		-	-	**9.4**	E	**9.1**		0.052	J	**3.4**		1.6		**14**	E	**16**		**2.9**		**7.8**		-	-	**5**		-	-	0.76		0.42	
Benzo(ghi)perylene	191-24-2	1000	mg/kg	0.15	U	3.1		-	-	6.1		-	-	0.031	J	1.8		0.78		7.2		-	-	1.4		3.9		-	-	2.4		-	-	0.43		0.28	
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	0.12	U	**1.9**		-	-	**2.5**		-	-	0.12	U	1.1		0.55		**4.5**		-	-	0.99		**2.7**		-	-	1.4		-	-	0.25		0.12	
Benzoic Acid	65-85-0	~	mg/kg	0.63	U	0.63	U	-	-	0.69	U	-	-	0.62	U	0.65	U	0.63	U	0.66	U	-	-	0.65	U	0.66	U	-	-	0.64	U	-	-	0.79	U	0.6	U
Benzyl Alcohol	100-51-6	~	mg/kg	0.19	U	0.19	U	-	-	0.21	U	-	-	0.19	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	-	-	0.24	U	0.19	U
Biphenyl	92-52-4	~	mg/kg	0.44	U	0.16	J	-	-	0.19	J	-	-	0.44	U	0.1	J	0.44	U	0.18	J	-	-	0.45	U	0.31	J	-	-	0.13	J	-	-	0.56	U	0.42	U
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	0.21	U	0.21	U	-	-	0.23	U	-	-	0.21	U	0.22	U	0.21	U	0.22	U	-	-	0.22	U	0.22	U	-	-	0.21	U	-	-	0.26	U	0.2	U
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	0.17	U	0.17	U	-	-	0.19	U	-	-	0.17	U	0.18	U	0.17	U	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	-	-	0.22	U	0.17	U
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	0.23	U	0.23	U	-	-	0.26	U	-	-	0.23	U	0.24	U	0.23	U	0.24	U	-	-	0.24	U	0.24	U	-	-	0.24	U	-	-	0.29	U	0.22	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	0.19	U	0.19	U	-	-	0.21	U	-	-	0.19	U	0.2	U	0.075	J	0.2	U	-	-	0.2	U	0.2		-	-	0.18	J	-	-	0.24	U	0.19	U
Butyl benzyl phthalate	85-68-7	~	mg/kg	0.19	U	0.19	U	-	-	0.21	U	-	-	0.19	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	-	-	0.24	U	0.19	U
Carbazole	86-74-8	~	mg/kg	0.19	U	1.1		-	-	1.3		-	-	0.19	U	0.44		0.15	J	1.4		-	-	0.31		0.8		-	-	0.85		-	-	0.058	J	0.047	J
Chrysene	218-01-9	1	mg/kg	0.12	U	**5**		-	-	**7.2**		-	-	0.045	J	**3**		**1.3**		**11**	E	**13**		**2.4**		**5.8**		-	-	**3.7**		-	-	0.58		0.33	
Di-n-butylphthalate	84-74-2	~	mg/kg	0.19	U	0.19	U	-	-	0.21	U	-	-	0.19	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	-	-	0.24	U	0.19	U
Di-n-octylphthalate	117-84-0	~	mg/kg	0.19	U	0.19	U	-	-	0.21	U	-	-	0.19	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	-	-	0.24	U	0.19	U
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	0.12	U	0.75		-	-	1.2		-	-	0.12	U	0.48		0.19		1.5		-	-	0.33		0.9		-	-	0.62		-	-	0.099	J	0.058	J
Dibenzofuran	132-64-9	210	mg/kg	0.19	U	1		-	-	1.1		-	-	0.19	U	0.43		0.14	J	1.3		-	-	0.2		0.67		-	-	0.62		-	-	0.051	J	0.056	J
Diethyl phthalate	84-66-2	~	mg/kg	0.19	U	0.19	U	-	-	0.21	U	-	-	0.19	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	-	-	0.24	U	0.19	U
Dimethyl phthalate	131-11-3	~	mg/kg	0.19	U	0.19	U	-	-	0.21	U	-	-	0.19	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	-	-	0.24	U	0.19	U
Fluoranthene	206-44-0	1000	mg/kg	0.12	U	9.7	E	23		14	E	17		0.094	J	6.9		3		27	E	31		5.4		15	E	15		10	E	10		1.2		0.74	
Fluorene	86-73-7	386	mg/kg	0.19	U	1.5		-	-	1.8		-	-	0.19	U	0.88		0.27		1.8		-	-	0.32		1.3		-	-	0.83		-	-	0.082	J	0.068	J
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.12	U	0.12	U	-	-	0.13	U	-	-	0.12	U	0.12	U	0.12	U	0.12	U	-	-	0.12	U	0.12	U	-	-	0.12	U	-	-	0.15	U	0.11	U
Hexachlorobutadiene	87-68-3	~	mg/kg	0.19	U	0.19	U	-	-	0.21	U	-	-	0.19	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	-	-	0.24	U	0.19	U
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	0.55	U	0.55	U	-	-	0.61	U	-	-	0.55	U	0.57	U	0.56	U	0.58	U	-	-	0.57	U	0.58	U	-	-	0.56	U	-	-	0.7	U	0.53	U
Hexachloroethane	67-72-1	~	mg/kg	0.15	U	0.15	U	-	-	0.17	U	-	-	0.15	U	0.16	U	0.16	U	0.16	U	-	-	0.16	U	0.16	U	-	-	0.16	U	-	-	0.2	U	0.15	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	0.15	U	3.1		-	-	5.1		-	-	0.031	J	1.6		0.76		7.2		-	-	1.4		3.4		-	-	2.2		-	-	0.38		0.22	
Isophorone	78-59-1	~	mg/kg	0.17	U	0.17	U	-	-	0.19	U	-	-	0.17	U	0.18	U	0.17	U	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	-	-	0.22	U	0.17	U
n-Nitrosodi-n-propylamine	621-64-7	~	mg/kg	0.19	U	0.19	U	-	-	0.21	U	-	-	0.19	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	-	-	0.24	U	0.19	U
Naphthalene	91-20-3	12	mg/kg	0.19	U	0.97		-	-	0.95		-	-	0.19	U	0.99		0.23		0.98		-	-	0.11	J	3.7		-	-	0.84		-	-	0.076	J	0.11	J
NDPA/DPA	86-30-6	~	mg/kg	0.15	U	0.15	U	-	-	0.17	U	-	-	0.15	U	0.16	U	0.16	U	0.16	U	-	-	0.16	U	0.16	U	-	-	0.16	U	-	-	0.2	U	0.15	U
Nitrobenzene	98-95-3	~	mg/kg	0.17	U	0.17	U	-	-	0.19	U	-	-	0.17	U	0.18	U	0.17	U	0.18	U	-	-	0.18	U	0.18	U	-	-	0.18	U	-	-	0.22	U	0.17	U
p-Chloro-m-cresol	59-50-7	~	mg/kg	0.19	U	0.19	U	-	-	0.21	U	-	-	0.19	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	-	-	0.24	U	0.19	U
Pentachlorophenol	87-86-5	0.8	mg/kg	0.15	U	0.15	U	-	-	0.17	U	-	-	0.15	U	0.16	U	0.16	U	0.16	U	-	-	0.16	U	0.16	U	-	-	0.16	U	-	-	0.2	U	0.15	U
Phenanthrene	85-01-8	1000	mg/kg	0.12	U	9.4	E	22		14	E	16		0.075	J	5		2.1		22	E	26		4.3		9.4	E	9.4		7.7		-	-	0.84		0.52	
Phenol	108-95-2	0.33	mg/kg	0.19	U	0.048	J	-	-	0.056	J	-	-	0.19	U	0.2	U	0.19	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.042	J	-	-	0.24	U	0.19	U
Pyrene	129-00-0	1000	mg/kg	0.12	U	8.5	E	20		13	E	16		0.081	J	6.4		2.6		23	E	25		4.9		14	E	14		8.9	E	9		1.2		0.68	
Total Metals																																					
Aluminum, Total	7429-90-5		mg/kg	7960		-	-	-	-	-	-	-	-	5240		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5470	
Antimony, Total	7440-36-0		mg/kg	0.808	J	-	-	-	-	-	-	-	-	0.315	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.31	J
Arsenic, Total	7440-38-2	16	mg/kg	5.06		9.93		-	-	14.8		-	-	3.81		11		12		**24.5**		-	-	14.1		9.63		-	-	**18.6**		-	-	**31.2**		5.38	
Barium, Total	7440-39-3	820	mg/kg	44.6		-	-	-	-	-	-	-	-	42.5		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66.4	
Beryllium, Total	7440-41-7	47	mg/kg	0.47		-	-	-	-	-	-	-	-	0.227		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.491	
Cadmium, Total	7440-43-9	7.5	mg/kg	0.068	J	-	-	-	-	-	-	-	-	0.164	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.184	J
Calcium, Total	7440-70-2		mg/kg	656		-	-	-	-	-	-	-	-	1120		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5860	
Chromium, Total	7440-47-3		mg/kg	11.1		-	-	-	-	-	-	-	-	12.7		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.5	
Cobalt, Total	7440-48-4		mg/kg	5.42		-	-	-	-	-	-	-	-	6.57		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11.5	
Copper, Total	7440-50-8	1720	mg/kg	11.4		-	-	-	-	-	-	-	-	22.7		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33.4	
Iron, Total	7439-89-6		mg/kg	12100		-	-	-	-	-	-	-	-	10700		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10500	
Lead, Total	7439-92-1	450	mg/kg	88.4		-	-	-	-	-	-	-	-	47.7		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	102	
Magnesium, Total	7439-95-4		mg/kg	1610		-	-	-	-	-	-	-	-	2140		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2190	
Manganese, Total	7439-96-5	2000	mg/kg	256		-	-	-	-	-	-	-	-	148		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	142	
Mercury, Total	7439-97-6	0.73	mg/kg	0.111		-	-	-	-	-	-	-	-	0.088		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.117	
Nickel, Total	7440-02-0	130	mg/kg	10.2		-	-	-	-	-	-	-	-	28.1		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39.9	
Potassium, Total	7440-09-7		mg/kg	524		-	-	-	-	-	-	-	-	893		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	742	
Selenium, Total	7782-49-2	4	mg/kg	0.342	J	-	-	-	-	-	-	-	-	0.903	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.81	
Silver, Total	7440-22-4	8.3	mg/kg	0.225	U	-	-	-	-	-	-	-	-	0.226	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.222	U
Sodium, Total	7440-23-5		mg/kg	260		-	-	-	-	-	-	-	-	119		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	172	
Thallium, Total	7440-28-0		mg/kg	0.433	J	-	-	-	-	-	-	-	-	0.903	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.416	J
Vanadium, Total	7440-62-2		mg/kg	16.7		-	-	-	-	-	-	-	-	18.9		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17	
Zinc, Total	7440-66-6	2480	mg/kg	51.3		-	-	-	-	-	-	-	-	84.6		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	146	
Volatile Organics by EPA 5035																																					
1,1,1,2-Tetrachloroethane	630-20-6		mg/kg	0.00056	U	-	-	-	-	-	-	-	-	0.00048	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00049	U
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	0.00056	U	-	-	-	-	-	-	-	-	0.00048	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00049	U
1,1,2,2-Tetrachloroethane	79-34-5		mg/kg	0.00056	U	-	-	-	-	-	-	-	-	0.00048	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00049	U
1,1,2-Trichloroethane	79-00-5		mg/kg	0.0011	U	-	-	-	-	-	-	-	-	0.00096	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00098	U
1,1-Dichloroethane	75-34-3	0.27	mg/kg	0.0011	U	-	-	-	-	-	-	-	-	0.00096	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00098	U
1,1-Dichloroethene	75-35-4	0.33	mg/kg	0.0011	U	-	-	-	-	-	-	-	-	0.00096	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00098	U
1,1-Dichloropropene	563-58-6		mg/kg	0.00056	U	-	-	-	-	-	-	-	-	0.00048	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00049	U
1,2,3-Trichlorobenzene	87-61-6		mg/kg	0.0022	U	-	-	-	-	-	-	-	-	0.0019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.002	U
1,2,3-Trichloropropane	96-18-4		mg/kg	0.0022	U	-	-	-	-	-	-	-	-	0.0019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.002	U
1,2,4,5-Tetramethylbenzene	95-93-2		mg/kg	0.0022	U	-	-	-	-	-	-	-	-	0.0019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00033	J
1,2,4-Trichlorobenzene	120-82-1		mg/kg	0.0022	U	-	-	-	-	-	-	-	-	0.0019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.002	U
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	0.0022	U	-	-	-	-	-	-	-	-	0.0019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.002	U
1,2-Dibromo-3-chloropropane	96-12-8		mg/kg	0.0034	U	-	-	-	-	-	-	-	-	0.0029	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0029	U
1,2-Dibromoethane	106-93-4		mg/kg	0.0011	U	-	-	-	-	-	-	-	-	0.00096	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00098	U

Table 3.3
Endpoint Analytical Data (6 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-32-013024		EP-33-013024		EP-33-013024		EP-34-013124		EP-34-013124		EP-35-012924		EP-36-013124		EP-37-020124		EP-38-011824		EP-38-011824		EP-39-011824		EP-40 012324		EP-40 012324		EP-41 012324		EP-41 012324		EP-46-013024		EP-47-013024	
SAMPLING DATE				1/30/2024		1/30/2024		1/30/2024		1/31/2024		1/31/2024		1/29/2024		1/31/2024		2/1/2024		1/18/2024		1/18/2024		1/18/2024		1/23/2024		1/23/2024		1/23/2024		1/23/2024		1/30/2024		1/30/2024	
LAB SAMPLE ID				L2405077-07		L2405077-17		L2405077-17 R1		L2405358-07		L2405358-07 R1		L2404855-01		L2405358-01		L2405669-01		L2403041-13		L2403041-13 R1		L2403041-14		L2403798-03		L2403798-03 R1		L2403798-05		L2403798-05 R1		L2405077-08		L2405077-09	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.0022	U	-	-	-	-	-	-	-	-	0.0019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.002	U
1,2-Dichloroethane	107-06-2	0.02	mg/kg	0.0011	U	-	-	-	-	-	-	-	-	0.00096	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00098	U
1,2-Dichloroethene, Total	540-59-0		mg/kg	0.0011	U	-	-	-	-	-	-	-	-	0.00096	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00098	U
1,2-Dichloropropane	78-87-5		mg/kg	0.0011	U	-	-	-	-	-	-	-	-	0.00096	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00098	U
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	0.0022	U	-	-	-	-	-	-	-	-	0.0019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.002	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.0022	U	-	-	-	-	-	-	-	-	0.0019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.002	U
1,3-Dichloropropane	142-28-9		mg/kg	0.0022	U	-	-	-	-	-	-	-	-	0.0019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.002	U
1,3-Dichloropropene, Total	542-75-6		mg/kg	0.00056	U	-	-	-	-	-	-	-	-	0.00048	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00049	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.0022	U	-	-	-	-	-	-	-	-	0.0019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.002	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.09	U	-	-	-	-	-	-	-	-	0.076	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.078	U
2,2-Dichloropropane	594-20-7		mg/kg	0.0022	U	-	-	-	-	-	-	-	-	0.0019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.002	U
2-Butanone	78-93-3	0.12	mg/kg	0.0044	J	-	-	-	-	-	-	-	-	0.0096	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0098	U
2-Hexanone	591-78-6		mg/kg	0.011	U	-	-	-	-	-	-	-	-	0.0096	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0098	U
4-Methyl-2-pentanone	108-10-1		mg/kg	0.011	U	-	-	-	-	-	-	-	-	0.0096	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0098	U
Acetone	67-64-1	0.05	mg/kg	0.031		-	-	-	-	-	-	-	-	0.0096	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0098	U
Acrylonitrile	107-13-1		mg/kg	0.0045	U	-	-	-	-	-	-	-	-	0.0038	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0039	U
Benzene	71-43-2	0.06	mg/kg	0.00056	U	-	-	-	-	-	-	-	-	0.00048	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00049	U
Bromobenzene	108-86-1		mg/kg	0.0022	U	-	-	-	-	-	-	-	-	0.0019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.002	U
Bromochloromethane	74-97-5		mg/kg	0.0022	U	-	-	-	-	-	-	-	-	0.0019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.002	U
Bromodichloromethane	75-27-4		mg/kg	0.00056	U	-	-	-	-	-	-	-	-	0.00048	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00049	U
Bromoform	75-25-2		mg/kg	0.0045	U	-	-	-	-	-	-	-	-	0.0038	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0039	U
Bromomethane	74-83-9		mg/kg	0.0022	U	-	-	-	-	-	-	-	-	0.0019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.002	U
Carbon disulfide	75-15-0		mg/kg	0.011	U	-	-	-	-	-	-	-	-	0.0096	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0098	U
Carbon tetrachloride	56-23-5	0.76	mg/kg	0.0011	U	-	-	-	-	-	-	-	-	0.00096	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00098	U
Chlorobenzene	108-90-7	1.1	mg/kg	0.00056	U	-	-	-	-	-	-	-	-	0.00048	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00049	U
Chloroethane	75-00-3		mg/kg	0.0022	U	-	-	-	-	-	-	-	-	0.0019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.002	U
Chloroform	67-66-3	0.37	mg/kg	0.0017	U	-	-	-	-	-	-	-	-	0.0014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0015	U
Chloromethane	74-87-3		mg/kg	0.0045	U	-	-	-	-	-	-	-	-	0.0038	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0039	U
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	0.0011	U	-	-	-	-	-	-	-	-	0.00096	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00098	U
cis-1,3-Dichloropropene	10061-01-5		mg/kg	0.00056	U	-	-	-	-	-	-	-	-	0.00048	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00049	U
Dibromochloromethane	124-48-1		mg/kg	0.0011	U	-	-	-	-	-	-	-	-	0.00096	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00098	U
Dibromomethane	74-95-3		mg/kg	0.0022	U	-	-	-	-	-	-	-	-	0.0019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.002	U
Dichlorodifluoromethane	75-71-8		mg/kg	0.011	U	-	-	-	-	-	-	-	-	0.0096	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0098	U
Ethyl ether	60-29-7		mg/kg	0.0022	U	-	-	-	-	-	-	-	-	0.0019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.002	U
Ethylbenzene	100-41-4	1	mg/kg	0.0011	U	-	-	-	-	-	-	-	-	0.00096	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00098	U
Hexachlorobutadiene	87-68-3		mg/kg	0.0045	U	-	-	-	-	-	-	-	-	0.0038	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0039	U
Isopropylbenzene	98-82-8		mg/kg	0.0011	U	-	-	-	-	-	-	-	-	0.00096	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00098	U
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	0.0022	U	-	-	-	-	-	-	-	-	0.0019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.002	U
Methylene chloride	75-09-2	0.05	mg/kg	0.0056	U	-	-	-	-	-	-	-	-	0.0048	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0049	U
n-Butylbenzene	104-51-8	12	mg/kg	0.0011	U	-	-	-	-	-	-	-	-	0.00096	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00098	U
n-Propylbenzene	103-65-1	3.9	mg/kg	0.0011	U	-	-	-	-	-	-	-	-	0.00096	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00098	U
Naphthalene	91-20-3	12	mg/kg	0.0045	U	-	-	-	-	-	-	-	-	0.0038	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0025	J
o-Chlorotoluene	95-49-8		mg/kg	0.0022	U	-	-	-	-	-	-	-	-	0.0019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.002	U
o-Xylene	95-47-6		mg/kg	0.00064	J	-	-	-	-	-	-	-	-	0.00053	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00098	U
p-Chlorotoluene	106-43-4		mg/kg	0.0022	U	-	-	-	-	-	-	-	-	0.0019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.002	U
p-Diethylbenzene	105-05-5		mg/kg	0.0022	U	-	-	-	-	-	-	-	-	0.0019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00018	J
p-Ethyltoluene	622-96-8		mg/kg	0.0022	U	-	-	-	-	-	-	-	-	0.0019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.002	U
p-Isopropyltoluene	99-87-6		mg/kg	0.0011	U	-	-	-	-	-	-	-	-	0.00096	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00098	U
p/m-Xylene	179601-23-1		mg/kg	0.0022	U	-	-	-	-	-	-	-	-	0.0019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.002	U
sec-Butylbenzene	135-98-8	11	mg/kg	0.0011	U	-	-	-	-	-	-	-	-	0.00096	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00098	U
Styrene	100-42-5		mg/kg	0.0011	U	-	-	-	-	-	-	-	-	0.00096	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00063	J
tert-Butylbenzene	98-06-6	5.9	mg/kg	0.0022	U	-	-	-	-	-	-	-	-	0.0019	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.002	U
Tetrachloroethene	127-18-4	1.3	mg/kg	0.00056	U	-	-	-	-	-	-	-	-	0.00048	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00049	U
Toluene	108-88-3	0.7	mg/kg	0.0011	U	-	-	-	-	-	-	-	-	0.00096	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00098	U
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	0.0017	U	-	-	-	-	-	-	-	-	0.0014	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0015	U
trans-1,3-Dichloropropene	10061-02-6		mg/kg	0.0011	U	-	-	-	-	-	-	-	-	0.00096	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00098	U
trans-1,4-Dichloro-2-butene	110-57-6		mg/kg	0.0056	U	-	-	-	-	-	-	-	-	0.0048	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0049	U
Trichloroethene	79-01-6	0.47	mg/kg	0.00056	U	-	-	-	-	-	-	-	-	0.00048	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00049	U
Trichlorofluoromethane	75-69-4		mg/kg	0.0045	U	-	-	-	-	-	-	-	-	0.0038	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0039	U
Vinyl acetate	108-05-4		mg/kg	0.011	U	-	-	-	-	-	-	-	-	0.0096	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0098	U
Vinyl chloride	75-01-4	0.02	mg/kg	0.0011	U	-	-	-	-	-	-	-	-	0.00096	U	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00098	U
Xylenes, Total	1330-20-7	1.6	mg/kg	0.00064	J	-	-	-	-	-	-	-	-	0.00053	J	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00098	U

* Comparison is not performed on parameters with non-numeric criteria.
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Crite

Table 3.3
Endpoint Analytical Data (6 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-49-013124		EP-49-013124		EP-50-012924		EP-50-012924		EP-51-013124		EP-51-013124		EP-52-013124		EP-52-013124		EP-53-011824		EP-54-011824		EP-55 012324		EP-55 012324		EP-56 012424		EP-57 012324		EP-58 012324		EP-58 012324		EP-62-013124	
SAMPLING DATE				1/31/2024		1/31/2024		1/29/2024		1/29/2024		1/31/2024		1/31/2024		1/31/2024		1/31/2024		1/18/2024		1/18/2024		1/23/2024		1/23/2024		1/24/2024		1/23/2024		1/23/2024		1/23/2024		1/31/2024	
LAB SAMPLE ID				L2405358-08		L2405358-08 R1		L2404855-12		L2404855-12 R1		L2405358-03		L2405358-03 R1		L2405358-04		L2405358-04 R1		L2403041-11		L2403041-12		L2403798-02		L2403798-02 R1		L2404098-03		L2403798-06		L2403798-07		L2403798-07 R1		L2405358-02	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																																					
Chromium, Hexavalent	18540-29-9	19	mg/kg	0.972	U	-	-	0.951	U	-	-	0.978	U	-	-	0.995	U	-	-	0.339	J	0.956	U	1.11	J	-	-	0.402	J	0.99	U	0.955	U	-	-	0.966	U
Cyanide, Total	57-12-5	40	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2		-	-	-	-	-	-	-	-	-	-	-	-	1.1	U
Solids, Total	NONE	~	%	82.3		-	-	84.1		-	-	81.8		-	-	80.4		-	-	82.6		83.7		66.7		-	-	82.1		80.8		83.8		-	-	82.8	
Organochlorine Pesticides by GC																																					
4,4'-DDD	72-54-8	14	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00182	U	-	-	-	-	0.00189	U	-	-	-	-	-	-	0.00184	U
4,4'-DDE	72-55-9	17	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00182	U	-	-	-	-	0.00189	U	-	-	-	-	-	-	0.00184	U
4,4'-DDT	50-29-3	136	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00182	U	-	-	-	-	0.00189	U	-	-	-	-	-	-	0.00184	U
Aldrin	309-00-2	0.19	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00182	U	-	-	-	-	0.00189	U	-	-	-	-	-	-	0.00184	U
Alpha-BHC	319-84-6	0.02	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000759	U	-	-	-	-	0.000787	U	-	-	-	-	-	-	0.000765	U
Beta-BHC	319-85-7	0.09	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00182	U	-	-	-	-	0.00189	U	-	-	-	-	-	-	0.00184	U
Chlordane	57-74-9		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0152	U	-	-	-	-	0.0157	U	-	-	-	-	-	-	0.0153	U
cis-Chlordane	5103-71-9	2.9	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00228	U	-	-	-	-	0.00236	U	-	-	-	-	-	-	0.0023	U
Delta-BHC	319-86-8	0.25	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00182	U	-	-	-	-	0.00189	U	-	-	-	-	-	-	0.00184	U
Dieldrin	60-57-1	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00114	U	-	-	-	-	0.00118	U	-	-	-	-	-	-	0.00115	U
Endosulfan I	959-98-8	102	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00182	U	-	-	-	-	0.00189	U	-	-	-	-	-	-	0.00184	U
Endosulfan II	33213-65-9	102	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00182	U	-	-	-	-	0.00189	U	-	-	-	-	-	-	0.00184	U
Endosulfan sulfate	1031-07-8	1000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000759	U	-	-	-	-	0.000787	U	-	-	-	-	-	-	0.000765	U
Endrin	72-20-8	0.06	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000759	U	-	-	-	-	0.000787	U	-	-	-	-	-	-	0.000765	U
Endrin aldehyde	7421-93-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00228	U	-	-	-	-	0.00236	U	-	-	-	-	-	-	0.0023	U
Endrin ketone	53494-70-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00182	U	-	-	-	-	0.00189	U	-	-	-	-	-	-	0.00184	U
Heptachlor	76-44-8	0.38	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000911	U	-	-	-	-	0.000945	U	-	-	-	-	-	-	0.000918	U
Heptachlor epoxide	1024-57-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00342	U	-	-	-	-	0.00354	U	-	-	-	-	-	-	0.00344	U
Lindane	58-89-9	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000759	U	-	-	-	-	0.000787	U	-	-	-	-	-	-	0.000765	U
Methoxychlor	72-43-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00342	U	-	-	-	-	0.00354	U	-	-	-	-	-	-	0.00344	U
Toxaphene	8001-35-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0342	U	-	-	-	-	0.0354	U	-	-	-	-	-	-	0.0344	U
trans-Chlordane	5103-74-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00228	U	-	-	-	-	0.00236	U	-	-	-	-	-	-	0.0023	U
Perfluorinated Alkyl Acids by EPA 1633																																					
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000787	U	-	-	-	-	0.00076	U	-	-	-	-	-	-	0.000798	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00029	J	-	-	-	-	0.00076	U	-	-	-	-	-	-	0.000798	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtF	2991-50-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000197	U	-	-	-	-	0.00019	U	-	-	-	-	-	-	0.0002	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NM	2355-31-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000197	U	-	-	-	-	0.00019	U	-	-	-	-	-	-	0.0002	U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000197	U	-	-	-	-	0.00019	U	-	-	-	-	-	-	0.0002	U
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000787	U	-	-	-	-	0.000104	J	-	-	-	-	-	-	0.000798	U
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000197	U	-	-	-	-	0.00019	U	-	-	-	-	-	-	0.0002	U
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000197	U	-	-	-	-	0.00019	U	-	-	-	-	-	-	0.0002	U
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000197	U	-	-	-	-	0.00019	U	-	-	-	-	-	-	0.0002	U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000197	U	-	-	-	-	0.00019	U	-	-	-	-	-	-	0.0002	U
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000197	U	-	-	-	-	0.000027	J	-	-	-	-	-	-	0.0002	U
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000288		-	-	-	-	0.00019	U	-	-	-	-	-	-	0.0002	U
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000197	U	-	-	-	-	0.00019	U	-	-	-	-	-	-	0.0002	U
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000197	U	-	-	-	-	0.00019	U	-	-	-	-	-	-	0.0002	U
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000197	U	-	-	-	-	0.00019	U	-	-	-	-	-	-	0.0002	U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000798		-	-	-	-	0.000792		-	-	-	-	-	-	0.0002	U
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000486		-	-	-	-	0.00019	U	-	-	-	-	-	-	0.000075	J
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000394	U	-	-	-	-	0.00038	U	-	-	-	-	-	-	0.000399	U
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000197	U	-	-	-	-	0.00019	U	-	-	-	-	-	-	0.0002	U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000197	U	-	-	-	-	0.00019	U	-	-	-	-	-	-	0.0002	U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000197	U	-	-	-	-	0.00019	U	-	-	-	-	-	-	0.0002	U
PFOA/PFOS, Total	null	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00128		-	-	-	-	0.000792		-	-	-	-	-	-	0.000075	J
Polychlorinated Biphenyls by GC																																					
Aroclor 1016	12674-11-2	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0569	U	-	-	-	-	0.0598	U	-	-	-	-	-	-	0.0578	U
Aroclor 1221	11104-28-2	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0569	U	-	-	-	-	0.0598	U	-	-	-	-	-	-	0.0578	U
Aroclor 1232	11141-16-5	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0569	U	-	-	-	-	0.0598	U	-	-	-	-	-	-	0.0578	U
Aroclor 1242	53469-21-9	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0569	U	-	-	-	-	0.0598	U	-	-	-	-	-	-	0.0578	U
Aroclor 1248	12672-29-6	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0569	U	-	-	-	-	0.0598	U	-	-	-	-	-	-	0.0578	U
Aroclor 1254	11097-69-1	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0569	U	-	-	-	-	0.0598	U	-	-	-	-	-	-	0.0578	U
Aroclor 1260	11096-82-5	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0569	U	-	-	-	-	0.0598	U	-	-	-	-	-	-	0.0578	U
Aroclor 1262	37324-23-5	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0569	U	-	-	-	-	0.0598	U	-	-	-	-	-	-	0.0578	U
Aroclor 1268	11100-14-4	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0569	U	-	-	-	-	0.0598	U	-	-	-	-	-	-	0.0578	U
PCBs, Total	1336-36-3	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0569	U	-	-	-	-	0.0598	U	-	-	-	-	-	-	0.0578	U
Semivolatile Organics by GC/MS																																					
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	-	-	0.2	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	-	-	0.2	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	-	-	0.2	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	-	-	0.2	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	-	-	0.2	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.03	U	-	-	0.029	U	-	-	0.03	U	-	-	0.031	U	-	-	0.03	U	0.03	U	0.037	U	-	-	0.03	U	0.03	U	0.029	U	-	-	0.03	U
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	-	-	0.2	U
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	0.12	U	-	-	0.12	U	-	-	0.12	U	-	-	0.12	U	-	-	0.12	U	0.12	U	0.15	U	-	-	0.12	U	0.12	U	0.12	U	-	-	0.12	U
2,4-Dichlorophenol	120-83-2	~	mg/kg	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	0.22	U	-	-	0.18	U	0.18	U	0.17	U	-	-	0.18	U
2,4-Dimethylphenol	105-67-9	~	mg/kg	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	-	-	0.2	U
2,4-Dinitrophenol	51-28-5	~	mg/kg	0.96	U	-	-	0.94	U	-	-	0.97	U	-	-	0.99	U	-	-	0.96	U	0.95	U	1.2	U	-	-	0.95	U	0.97	U	0.93	U	-	-	0.96	U
2,4-Dinitrotoluene	121-14-2	~	mg/kg	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	-	-	0.2	U
2,6-Dinitrotoluene	606-20-2	~	mg/kg	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	-	-	0.2	U
2-Chloronaphthalene	91-58-7	~	mg/kg	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	-	-	0.2	U
2-Chlorophenol	95-57-8	~	mg/kg	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	-	-	0.2	U
2-Methylnaphthalene	91-57-6	~	mg/kg	0.52		-	-	0.26		-	-	0.53		-	-	0.86		-	-	0.083	J	0.053	J	0.18	J	-	-	0.24	U	0.25		0.32		-	-	0.22	J
2-Methylphenol	95-48-7	0.33	mg/kg	0.039	J	-	-	0.2	U	-	-	0.038	J	-	-	0.036	J	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	-	-	0.2	U
2-Nitroaniline	88-74-4	~	mg/kg	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	-	-	0.2	U
2-Nitrophenol	88-75-5	~	mg/kg	0.43	U	-	-	0.42	U	-	-	0.43	U	-	-	0.44	U	-	-	0.43	U	0.42	U	0.53	U	-	-	0.43	U	0.44	U	0.42	U	-	-	0.43	U
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	-	-	0.2	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44	0.33	mg/kg	0.11	J	-	-	0.041	J	-	-	0.11	J	-	-	0.11	J	-	-	0.29	U	0.28	U	0.35	U	-	-	0.28	U	0.3		0.097	J	-	-	0.29	U
3-Nitroaniline	99-09-2	~	mg/kg	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	-	-	0.2	U
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	0.52	U	-	-	0.51	U	-	-	0.52	U	-	-	0.53	U	-	-	0.52	U	0.51	U	0.64	U	-	-	0.51	U	0.53	U	0.5	U	-	-	0.52	U
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	-	-	0.2	U

Table 3.3
Endpoint Analytical Data (6 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-49-013124		EP-49-013124		EP-50-012924		EP-50-012924		EP-51-013124		EP-51-013124		EP-52-013124		EP-52-013124		EP-53-011824		EP-54-011824		EP-55 012324		EP-55 012324		EP-56 012424		EP-57 012324		EP-58 012324		EP-58 012324		EP-62-013124	
SAMPLING DATE				1/31/2024		1/31/2024		1/29/2024		1/29/2024		1/31/2024		1/31/2024		1/31/2024		1/31/2024		1/18/2024		1/18/2024		1/23/2024		1/23/2024		1/24/2024		1/23/2024		1/23/2024		1/23/2024		1/31/2024	
LAB SAMPLE ID				L2405358-08		L2405358-08 R1		L2404855-12		L2404855-12 R1		L2405358-03		L2405358-03 R1		L2405358-04		L2405358-04 R1		L2403041-11		L2403041-12		L2403798-02		L2403798-02 R1		L2404098-03		L2403798-06		L2403798-07		L2403798-07 R1		L2405358-02	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
4-Chloroaniline	106-47-8	~	mg/kg	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	-	-	0.2	U
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	-	-	0.2	U
4-Nitroaniline	100-01-6	~	mg/kg	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	-	-	0.2	U
4-Nitrophenol	100-02-7	~	mg/kg	0.28	U	-	-	0.27	U	-	-	0.28	U	-	-	0.29	U	-	-	0.28	U	0.28	U	0.34	U	-	-	0.28	U	0.28	U	0.27	U	-	-	0.28	U
Acenaphthene	83-32-9	98	mg/kg	1.5		-	-	0.86		-	-	1		-	-	2.5		-	-	0.33		0.051	J	0.66		-	-	0.043	J	0.25		1.1		-	-	0.95	
Acenaphthylene	208-96-8	107	mg/kg	1.9		-	-	0.22		-	-	1.2		-	-	0.38		-	-	0.14	J	0.04	J	0.6		-	-	0.15	J	0.12	J	0.69		-	-	0.4	
Acetophenone	98-86-2	~	mg/kg	0.15	J	-	-	0.038	J	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	-	-	0.2	U
Anthracene	120-12-7	1000	mg/kg	3		-	-	2.6		-	-	2.6		-	-	7.1		-	-	1.4		0.14		2.4		-	-	0.38		0.52		3		-	-	0.84	
Benzo(a)anthracene	56-55-3	1	mg/kg	**7.6**		-	-	**4.9**		-	-	**4.7**		-	-	**9.7**	E	**9.1**		**3.6**		0.44		**5.4**		-	-	**1**		**1.1**		**7.1**		-	-	0.91	
Benzo(a)pyrene	50-32-8	22	mg/kg	8		-	-	4.7		-	-	5.3		-	-	8.4	E	8		3.7		0.51		5.7		-	-	1.1		1.2		7.7		-	-	1	
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	**9.3**	E	**9.6**		**4.9**		-	-	**5.5**		-	-	**8.9**	E	**9.1**		**4.2**		0.62		**6.4**		-	-	1.3		1.4		**8.3**	E	**8.6**		1.1	
Benzo(ghi)perylene	191-24-2	1000	mg/kg	5.1		-	-	2.6		-	-	3.7		-	-	4.2		-	-	2.2		0.34		2.8		-	-	0.56		0.66		4		-	-	0.99	
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	**2.9**		-	-	1.5		-	-	1.6		-	-	**3.2**		-	-	1.3		0.22		**2.1**		-	-	0.39		0.36		**2.7**		-	-	0.3	
Benzoic Acid	65-85-0	~	mg/kg	0.65	U	-	-	0.63	U	-	-	0.65	U	-	-	0.66	U	-	-	0.65	U	0.64	U	0.79	U	-	-	0.64	U	0.66	U	0.63	U	-	-	0.65	U
Benzyl Alcohol	100-51-6	~	mg/kg	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	-	-	0.2	U
Biphenyl	92-52-4	~	mg/kg	0.21	J	-	-	0.1	J	-	-	0.19	J	-	-	0.26	J	-	-	0.46	U	0.45	U	0.062	J	-	-	0.45	U	0.078	J	0.1	J	-	-	0.037	J
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	0.22	U	-	-	0.21	U	-	-	0.22	U	-	-	0.22	U	-	-	0.22	U	0.21	U	0.26	U	-	-	0.21	U	0.22	U	0.21	U	-	-	0.22	U
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	0.22	U	-	-	0.18	U	0.18	U	0.17	U	-	-	0.18	U
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	0.24	U	-	-	0.23	U	-	-	0.24	U	-	-	0.25	U	-	-	0.24	U	0.24	U	0.29	U	-	-	0.24	U	0.24	U	0.23	U	-	-	0.24	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.2	J	-	-	0.2	U	0.14	J	0.18	J	-	-	0.2	U
Butyl benzyl phthalate	85-68-7	~	mg/kg	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	-	-	0.2	U
Carbazole	86-74-8	~	mg/kg	0.93		-	-	0.56		-	-	0.89		-	-	3		-	-	0.29		0.066	J	0.74		-	-	0.082	J	0.18	J	0.92		-	-	0.22	
Chrysene	218-01-9	1	mg/kg	**7.5**		-	-	**4.6**		-	-	**4.7**		-	-	**8.8**	E	**8.5**		**3.7**		0.5		**5.1**		-	-	0.96		**1.2**		**6.6**		-	-	0.9	
Di-n-butylphthalate	84-74-2	~	mg/kg	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	-	-	0.2	U
Di-n-octylphthalate	117-84-0	~	mg/kg	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	-	-	0.2	U
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	1.2		-	-	0.58		-	-	0.7		-	-	1.1		-	-	0.47		0.074	J	0.68		-	-	0.13		0.14		0.96		-	-	0.17	
Dibenzofuran	132-64-9	210	mg/kg	1.1		-	-	0.56		-	-	0.86		-	-	2.1		-	-	0.12	J	0.039	J	0.39		-	-	0.029	J	0.2		0.67		-	-	0.46	
Diethyl phthalate	84-66-2	~	mg/kg	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.024	J	0.19	U	-	-	0.2	U
Dimethyl phthalate	131-11-3	~	mg/kg	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	-	-	0.2	U
Fluoranthene	206-44-0	1000	mg/kg	13	E	16		9.3	E	10		10	E	10		19	E	22		7.6		0.99		14	E	14		2.3		2.6		16	E	17		2.5	
Fluorene	86-73-7	386	mg/kg	1.6		-	-	1.1		-	-	1.4		-	-	3.4		-	-	0.33		0.058	J	0.82		-	-	0.078	J	0.28		1.2		-	-	0.79	
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.12	U	-	-	0.12	U	-	-	0.12	U	-	-	0.12	U	-	-	0.12	U	0.12	U	0.15	U	-	-	0.12	U	0.12	U	0.12	U	-	-	0.12	U
Hexachlorobutadiene	87-68-3	~	mg/kg	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	-	-	0.2	U
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	0.57	U	-	-	0.56	U	-	-	0.58	U	-	-	0.59	U	-	-	0.58	U	0.56	U	0.7	U	-	-	0.56	U	0.58	U	0.56	U	-	-	0.57	U
Hexachloroethane	67-72-1	~	mg/kg	0.16	U	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	0.16	U	0.2	U	-	-	0.16	U	0.16	U	0.16	U	-	-	0.16	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	4.6		-	-	2.7		-	-	2.8		-	-	4.1		-	-	2		0.31		2.8		-	-	0.67		0.55		3.7		-	-	0.64	
Isophorone	78-59-1	~	mg/kg	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	0.22	U	-	-	0.18	U	0.18	U	0.17	U	-	-	0.18	U
n-Nitrosodi-n-propylamine	621-64-7	~	mg/kg	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	-	-	0.2	U
Naphthalene	91-20-3	12	mg/kg	0.97		-	-	0.44		-	-	1.1		-	-	1.4		-	-	0.074	J	0.06	J	0.26		-	-	0.034	J	0.34		0.46		-	-	0.19	J
NDPA/DPA	86-30-6	~	mg/kg	0.16	U	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	0.16	U	0.2	U	-	-	0.16	U	0.16	U	0.16	U	-	-	0.16	U
Nitrobenzene	98-95-3	~	mg/kg	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	-	-	0.18	U	0.18	U	0.22	U	-	-	0.18	U	0.18	U	0.17	U	-	-	0.18	U
p-Chloro-m-cresol	59-50-7	~	mg/kg	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.2	U	0.19	U	-	-	0.2	U
Pentachlorophenol	87-86-5	0.8	mg/kg	0.16	U	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	-	-	0.16	U	0.16	U	0.2	U	-	-	0.16	U	0.16	U	0.16	U	-	-	0.16	U
Phenanthrene	85-01-8	1000	mg/kg	11	E	12		8.6	E	10		9.7	E	9.5		21	E	23		5.5		0.72		8.6		-	-	0.9		2.2		14	E	15		2.7	
Phenol	108-95-2	0.33	mg/kg	0.061	J	-	-	0.03	J	-	-	0.2	U	-	-	0.2	U	-	-	0.2	U	0.2	U	0.24	U	-	-	0.2	U	0.12	J	0.039	J	-	-	0.2	U
Pyrene	129-00-0	1000	mg/kg	12	E	15		9	E	9.5		9.4	E	9.3		17	E	19		7.9		0.9		12	E	12		1.9		2.4		15	E	16		2.4	
Total Metals																																					
Aluminum, Total	7429-90-5		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4340		-	-	-	-	7300		-	-	-	-	-	-	5630	
Antimony, Total	7440-36-0		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.82	J	-	-	-	-	0.444	J	-	-	-	-	-	-	1.02	J
Arsenic, Total	7440-38-2	16	mg/kg	11.5		-	-	8.13		-	-	**38.9**		-	-	13		-	-	**58.4**		8.41		**244**		-	-	4.36		**16.6**		13.2		-	-	3.76	
Barium, Total	7440-39-3	820	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	66.5		-	-	-	-	73		-	-	-	-	-	-	63.8	
Beryllium, Total	7440-41-7	47	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.288		-	-	-	-	0.284		-	-	-	-	-	-	0.254	
Cadmium, Total	7440-43-9	7.5	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.442	J	-	-	-	-	0.098	J	-	-	-	-	-	-	0.052	J
Calcium, Total	7440-70-2		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3010		-	-	-	-	4490		-	-	-	-	-	-	2910	
Chromium, Total	7440-47-3		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10.6		-	-	-	-	12.9		-	-	-	-	-	-	12.9	
Cobalt, Total	7440-48-4		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.58		-	-	-	-	6.87		-	-	-	-	-	-	11.2	
Copper, Total	7440-50-8	1720	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	58.1		-	-	-	-	53.7		-	-	-	-	-	-	35.7	
Iron, Total	7439-89-6		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11300		-	-	-	-	13000		-	-	-	-	-	-	10800	
Lead, Total	7439-92-1	450	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**464**		-	-	-	-	144		-	-	-	-	-	-	60.2	
Magnesium, Total	7439-95-4		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1890		-	-	-	-	2500		-	-	-	-	-	-	3130	
Manganese, Total	7439-96-5	2000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	122		-	-	-	-	216		-	-	-	-	-	-	172	
Mercury, Total	7439-97-6	0.73	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.809**		-	-	-	-	0.499		-	-	-	-	-	-	0.156	
Nickel, Total	7440-02-0	130	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24.2		-	-	-	-	26.8		-	-	-	-	-	-	53.7	
Potassium, Total	7440-09-7		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	564		-	-	-	-	1090		-	-	-	-	-	-	866	
Selenium, Total	7782-49-2	4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.691	J	-	-	-	-	0.741	J	-	-	-	-	-	-	0.639	J
Silver, Total	7440-22-4	8.3	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.232	U	-	-	-	-	0.237	U	-	-	-	-	-	-	0.229	U
Sodium, Total	7440-23-5		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	159		-	-	-	-	236		-	-	-	-	-	-	95.1	
Thallium, Total	7440-28-0		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.252	J	-	-	-	-	0.946	U	-	-	-	-	-	-	0.523	J
Vanadium, Total	7440-62-2		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15.2		-	-	-	-	18.8		-	-	-	-	-	-	16.1	
Zinc, Total	7440-66-6	2480	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	239		-	-	-	-	63.7		-	-	-	-	-	-	125	
Volatile Organics by EPA 5035																																					
1,1,1,2-Tetrachloroethane	630-20-6		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0016	U	-	-	-	-	0.00065	U	-	-	-	-	-	-	0.0006	U
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0016	U	-	-	-	-	0.00065	U	-	-	-	-	-	-	0.0006	U
1,1,2,2-Tetrachloroethane	79-34-5		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0016	U	-	-	-	-	0.00065	U	-	-	-	-	-	-	0.0006	U
1,1,2-Trichloroethane	79-00-5		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0032	U	-	-	-	-	0.0013	U	-	-	-	-	-	-	0.0012	U
1,1-Dichloroethane	75-34-3	0.27	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0032	U	-	-	-	-	0.0013	U	-	-	-	-	-	-	0.0012	U
1,1-Dichloroethene	75-35-4	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0032	U	-	-	-	-	0.0013	U	-	-	-	-	-	-	0.0012	U
1,1-Dichloropropene	563-58-6		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0016	U	-	-	-	-	0.00065	U	-	-	-	-	-	-	0.0006	U
1,2,3-Trichlorobenzene	87-61-6		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0064	U	-	-	-	-	0.0026	U	-	-	-	-	-	-	0.0024	U
1,2,3-Trichloropropane	96-18-4		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0064	U	-	-	-	-	0.0026	U	-	-	-	-	-	-	0.0024	U
1,2,4,5-Tetramethylbenzene	95-93-2		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0064	U	-	-	-	-	0.0026	U	-	-	-	-	-	-	0.0007	J
1,2,4-Trichlorobenzene	120-82-1		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0064	U	-	-	-	-	0.0026	U	-	-	-	-	-	-	0.0024	U
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0064	U	-	-	-	-	0.0026	U	-	-	-	-	-	-	0.00058	J
1,2-Dibromo-3-chloropropane	96-12-8		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0095	U	-	-	-	-	0.0039	U	-	-	-	-	-	-	0.0036	U
1,2-Dibromoethane	106-93-4		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0032	U	-	-	-	-	0.0013	U	-	-	-	-	-	-	0.0012	U

Table 3.3
Endpoint Analytical Data (6 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-49-013124		EP-49-013124		EP-50-012924		EP-50-012924		EP-51-013124		EP-51-013124		EP-52-013124		EP-52-013124		EP-53-011824		EP-54-011824		EP-55 012324		EP-55 012324		EP-56 012424		EP-57 012324		EP-58 012324		EP-58 012324		EP-62-013124	
SAMPLING DATE				1/31/2024		1/31/2024		1/29/2024		1/29/2024		1/31/2024		1/31/2024		1/31/2024		1/31/2024		1/18/2024		1/18/2024		1/23/2024		1/23/2024		1/24/2024		1/23/2024		1/23/2024		1/23/2024		1/31/2024	
LAB SAMPLE ID				L2405358-08		L2405358-08 R1		L2404855-12		L2404855-12 R1		L2405358-03		L2405358-03 R1		L2405358-04		L2405358-04 R1		L2403041-11		L2403041-12		L2403798-02		L2403798-02 R1		L2404098-03		L2403798-06		L2403798-07		L2403798-07 R1		L2405358-02	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0064	U	-	-	-	-	0.0026	U	-	-	-	-	-	-	0.0024	U
1,2-Dichloroethane	107-06-2	0.02	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0032	U	-	-	-	-	0.0013	U	-	-	-	-	-	-	0.0012	U
1,2-Dichloroethene, Total	540-59-0		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0032	U	-	-	-	-	0.0013	U	-	-	-	-	-	-	0.0012	U
1,2-Dichloropropane	78-87-5		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0032	U	-	-	-	-	0.0013	U	-	-	-	-	-	-	0.0012	U
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0064	U	-	-	-	-	0.0026	U	-	-	-	-	-	-	0.00028	J
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0064	U	-	-	-	-	0.0026	U	-	-	-	-	-	-	0.0024	U
1,3-Dichloropropane	142-28-9		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0064	U	-	-	-	-	0.0026	U	-	-	-	-	-	-	0.0024	U
1,3-Dichloropropene, Total	542-75-6		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0016	U	-	-	-	-	0.00065	U	-	-	-	-	-	-	0.0006	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0064	U	-	-	-	-	0.0026	U	-	-	-	-	-	-	0.0024	U
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.25	U	-	-	-	-	0.1	U	-	-	-	-	-	-	0.096	U
2,2-Dichloropropane	594-20-7		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0064	U	-	-	-	-	0.0026	U	-	-	-	-	-	-	0.0024	U
2-Butanone	78-93-3	0.12	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.032	U	-	-	-	-	0.013	U	-	-	-	-	-	-	0.012	U
2-Hexanone	591-78-6		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.032	U	-	-	-	-	0.013	U	-	-	-	-	-	-	0.012	U
4-Methyl-2-pentanone	108-10-1		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.032	U	-	-	-	-	0.013	U	-	-	-	-	-	-	0.012	U
Acetone	67-64-1	0.05	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.032	U	-	-	-	-	0.013	U	-	-	-	-	-	-	0.012	U
Acrylonitrile	107-13-1		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.013	U	-	-	-	-	0.0052	U	-	-	-	-	-	-	0.0048	U
Benzene	71-43-2	0.06	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0016	U	-	-	-	-	0.00065	U	-	-	-	-	-	-	0.0006	U
Bromobenzene	108-86-1		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0064	U	-	-	-	-	0.0026	U	-	-	-	-	-	-	0.0024	U
Bromochloromethane	74-97-5		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0064	U	-	-	-	-	0.0026	U	-	-	-	-	-	-	0.0024	U
Bromodichloromethane	75-27-4		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0016	U	-	-	-	-	0.00065	U	-	-	-	-	-	-	0.0006	U
Bromoform	75-25-2		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.013	U	-	-	-	-	0.0052	U	-	-	-	-	-	-	0.0048	U
Bromomethane	74-83-9		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0064	U	-	-	-	-	0.0026	U	-	-	-	-	-	-	0.0024	U
Carbon disulfide	75-15-0		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.032	U	-	-	-	-	0.013	U	-	-	-	-	-	-	0.012	U
Carbon tetrachloride	56-23-5	0.76	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0032	U	-	-	-	-	0.0013	U	-	-	-	-	-	-	0.0012	U
Chlorobenzene	108-90-7	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0016	U	-	-	-	-	0.00065	U	-	-	-	-	-	-	0.0006	U
Chloroethane	75-00-3		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0064	U	-	-	-	-	0.0026	U	-	-	-	-	-	-	0.0024	U
Chloroform	67-66-3	0.37	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0048	U	-	-	-	-	0.0019	U	-	-	-	-	-	-	0.0018	U
Chloromethane	74-87-3		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.013	U	-	-	-	-	0.0052	U	-	-	-	-	-	-	0.0048	U
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0032	U	-	-	-	-	0.0013	U	-	-	-	-	-	-	0.0012	U
cis-1,3-Dichloropropene	10061-01-5		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0016	U	-	-	-	-	0.00065	U	-	-	-	-	-	-	0.0006	U
Dibromochloromethane	124-48-1		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0032	U	-	-	-	-	0.0013	U	-	-	-	-	-	-	0.0012	U
Dibromomethane	74-95-3		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0064	U	-	-	-	-	0.0026	U	-	-	-	-	-	-	0.0024	U
Dichlorodifluoromethane	75-71-8		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.032	U	-	-	-	-	0.013	U	-	-	-	-	-	-	0.012	U
Ethyl ether	60-29-7		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0064	U	-	-	-	-	0.0026	U	-	-	-	-	-	-	0.0024	U
Ethylbenzene	100-41-4	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0032	U	-	-	-	-	0.0013	U	-	-	-	-	-	-	0.0012	U
Hexachlorobutadiene	87-68-3		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.013	U	-	-	-	-	0.0052	U	-	-	-	-	-	-	0.0048	U
Isopropylbenzene	98-82-8		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0032	U	-	-	-	-	0.0013	U	-	-	-	-	-	-	0.00016	J
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0064	U	-	-	-	-	0.0026	U	-	-	-	-	-	-	0.0024	U
Methylene chloride	75-09-2	0.05	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.016	U	-	-	-	-	0.0065	U	-	-	-	-	-	-	0.006	U
n-Butylbenzene	104-51-8	12	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0032	U	-	-	-	-	0.0013	U	-	-	-	-	-	-	0.0012	U
n-Propylbenzene	103-65-1	3.9	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0032	U	-	-	-	-	0.0013	U	-	-	-	-	-	-	0.0012	U
Naphthalene	91-20-3	12	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.013	U	-	-	-	-	0.0052	U	-	-	-	-	-	-	0.0028	J
o-Chlorotoluene	95-49-8		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0064	U	-	-	-	-	0.0026	U	-	-	-	-	-	-	0.0024	U
o-Xylene	95-47-6		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0032	U	-	-	-	-	0.0013	U	-	-	-	-	-	-	0.00076	J
p-Chlorotoluene	106-43-4		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0064	U	-	-	-	-	0.0026	U	-	-	-	-	-	-	0.0024	U
p-Diethylbenzene	105-05-5		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0064	U	-	-	-	-	0.0026	U	-	-	-	-	-	-	0.0024	U
p-Ethyltoluene	622-96-8		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0064	U	-	-	-	-	0.0026	U	-	-	-	-	-	-	0.0024	U
p-Isopropyltoluene	99-87-6		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0032	U	-	-	-	-	0.00018	J	-	-	-	-	-	-	0.00027	J
p/m-Xylene	179601-23-1		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.002	J	-	-	-	-	0.0026	U	-	-	-	-	-	-	0.0024	U
sec-Butylbenzene	135-98-8	11	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0032	U	-	-	-	-	0.0013	U	-	-	-	-	-	-	0.00024	J
Styrene	100-42-5		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0032	U	-	-	-	-	0.00083	J	-	-	-	-	-	-	0.0004	J
tert-Butylbenzene	98-06-6	5.9	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0064	U	-	-	-	-	0.0026	U	-	-	-	-	-	-	0.0024	U
Tetrachloroethene	127-18-4	1.3	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0016	U	-	-	-	-	0.00065	U	-	-	-	-	-	-	0.0006	U
Toluene	108-88-3	0.7	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0032	U	-	-	-	-	0.0013	U	-	-	-	-	-	-	0.0012	U
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0048	U	-	-	-	-	0.0019	U	-	-	-	-	-	-	0.0018	U
trans-1,3-Dichloropropene	10061-02-6		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0032	U	-	-	-	-	0.0013	U	-	-	-	-	-	-	0.0012	U
trans-1,4-Dichloro-2-butene	110-57-6		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.016	U	-	-	-	-	0.0065	U	-	-	-	-	-	-	0.006	U
Trichloroethene	79-01-6	0.47	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0016	U	-	-	-	-	0.00065	U	-	-	-	-	-	-	0.0006	U
Trichlorofluoromethane	75-69-4		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.013	U	-	-	-	-	0.0052	U	-	-	-	-	-	-	0.0048	U
Vinyl acetate	108-05-4		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.032	U	-	-	-	-	0.013	U	-	-	-	-	-	-	0.012	U
Vinyl chloride	75-01-4	0.02	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0032	U	-	-	-	-	0.0013	U	-	-	-	-	-	-	0.0012	U
Xylenes, Total	1330-20-7	1.6	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.002	J	-	-	-	-	0.0013	U	-	-	-	-	-	-	0.00076	J

* Comparison is not performed on parameters with non-numeric criteria.

NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Crite

Table 3.3
Endpoint Analytical Data (6 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-63-013024		EP-64-012924		EP-64-012924		EP-65-020124		EP-66-013024		EP-67-013024		EP-68-011824		EP-69-011824		EP-69-011824		EP-70 012324		EP-71 012424		EP-71 012424		EP-73 012324		EP-74-02-02-24		EP-74-02-02-24		EP-78-013024		EP-79-012924		EP-79-012924	
SAMPLING DATE				1/30/2024		1/29/2024		1/29/2024		2/1/2024		1/30/2024		1/30/2024		1/18/2024		1/18/2024		1/18/2024		1/23/2024		1/24/2024		1/24/2024		1/23/2024		2/2/2024		2/2/2024		1/30/2024		1/29/2024		1/29/2024	
LAB SAMPLE ID				L2405077-15		L2404855-10		L2404855-10 R1		L2405669-02		L2405077-02		L2405077-03		L2403041-07		L2403041-10		L2403041-10 R1		L2403798-01		L2404098-02		L2404098-02 R1		L2403798-08		L2405955-01		L2405955-01 R1		L2405077-14		L2404855-02		L2404855-02 R1	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																																							
Chromium, Hexavalent	18540-29-9	19	mg/kg	0.983	U	1.01	U	-	-	0.939	U	0.962	U	0.922	U	0.281	J	1.14	U	-	-	0.623	J	0.426	J	-	-	0.905	U	0.948	U	-	-	0.947	U	0.292	J	-	-
Cyanide, Total	57-12-5	40	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.1	U	-	-	1.2	U	-	-	-	-
Solids, Total	NONE	~	%	81.4		78.9		-	-	85.2		83.2		86.8		81.8		70.2		-	-	78.7		79.9		-	-	88.4		84.4		-	-	84.5		78.8		-	-
Organochlorine Pesticides by GC																																							
4,4'-DDD	72-54-8	14	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0066		-	-	0.0018	U	-	-	-	-
4,4'-DDE	72-55-9	17	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00363		-	-	0.00374		-	-	-	-
4,4'-DDT	50-29-3	136	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00185	U	-	-	0.0153		-	-	-	-
Aldrin	309-00-2	0.19	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00185	U	-	-	0.0018	U	-	-	-	-
Alpha-BHC	319-84-6	0.02	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00077	U	-	-	0.000752	U	-	-	-	-
Beta-BHC	319-85-7	0.09	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00185	U	-	-	0.0018	U	-	-	-	-
Chlordane	57-74-9		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0154	U	-	-	0.015	U	-	-	-	-
cis-Chlordane	5103-71-9	2.9	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00231	U	-	-	0.00226	U	-	-	-	-
Delta-BHC	319-86-8	0.25	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00185	U	-	-	0.0018	U	-	-	-	-
Dieldrin	60-57-1	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00116	U	-	-	0.00113	U	-	-	-	-
Endosulfan I	959-98-8	102	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00185	U	-	-	0.0018	U	-	-	-	-
Endosulfan II	33213-65-9	102	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00185	U	-	-	0.0018	U	-	-	-	-
Endosulfan sulfate	1031-07-8	1000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00077	U	-	-	0.000752	U	-	-	-	-
Endrin	72-20-8	0.06	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00077	U	-	-	0.000752	U	-	-	-	-
Endrin aldehyde	7421-93-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00231	U	-	-	0.00226	U	-	-	-	-
Endrin ketone	53494-70-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00185	U	-	-	0.0018	U	-	-	-	-
Heptachlor	76-44-8	0.38	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000924	U	-	-	0.000902	U	-	-	-	-
Heptachlor epoxide	1024-57-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00347	U	-	-	0.00338	U	-	-	-	-
Lindane	58-89-9	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00077	U	-	-	0.000752	U	-	-	-	-
Methoxychlor	72-43-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00347	U	-	-	0.00338	U	-	-	-	-
Toxaphene	8001-35-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0347	U	-	-	0.0338	U	-	-	-	-
trans-Chlordane	5103-74-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00231	U	-	-	0.00226	U	-	-	-	-
Perfluorinated Alkyl Acids by EPA 1633																																							
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000798	U	-	-	0.000771	U	-	-	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000798	U	-	-	0.000385	U	-	-	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtF	2991-50-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000199	U	-	-	0.000193	U	-	-	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NM	2355-31-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000199	U	-	-	0.000193	U	-	-	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000199	U	-	-	0.000193	U	-	-	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000798	U	-	-	0.000193	U	-	-	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000199	U	-	-	0.000193	U	-	-	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000199	U	-	-	0.000771	U	-	-	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000199	U	-	-	0.000193	U	-	-	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000199	U	-	-	0.000193	U	-	-	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000199	U	-	-	0.000193	U	-	-	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000199	U	-	-	0.000193	U	-	-	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000199	U	-	-	0.000771	U	-	-	-	-
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000146	J	-	-	0.000193	U	-	-	-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000199	U	-	-	0.000193	U	-	-	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000238		-	-	0.000193	U	-	-	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000266		-	-	0.000193	U	-	-	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000399	U	-	-	0.000193	U	-	-	-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000199	U	-	-	0.000193	U	-	-	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000199	U	-	-	0.000193	U	-	-	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000053	J	-	-	0.000193	U	-	-	-	-
PFOA/PFOS, Total	null	~	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.000504		-	-	0.000193	U	-	-	-	-
Polychlorinated Biphenyls by GC																																							
Aroclor 1016	12674-11-2	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0562	U	-	-	0.057	U	-	-	-	-
Aroclor 1221	11104-28-2	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0562	U	-	-	0.057	U	-	-	-	-
Aroclor 1232	11141-16-5	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0562	U	-	-	0.057	U	-	-	-	-
Aroclor 1242	53469-21-9	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0562	U	-	-	0.057	U	-	-	-	-
Aroclor 1248	12672-29-6	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0562	U	-	-	0.057	U	-	-	-	-
Aroclor 1254	11097-69-1	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0562	U	-	-	0.057	U	-	-	-	-
Aroclor 1260	11096-82-5	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0562	U	-	-	0.0113	J	-	-	-	-
Aroclor 1262	37324-23-5	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0562	U	-	-	0.057	U	-	-	-	-
Aroclor 1268	11100-14-4	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0562	U	-	-	0.057	U	-	-	-	-
PCBs, Total	1336-36-3	3.2	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0562	U	-	-	0.0113	J	-	-	-	-
Semivolatile Organics by GC/MS																																							
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	0.2	U	0.21	U	-	-	0.19	U	0.19	U	0.19	U	0.2	U	0.23	U	-	-	0.21	U	0.2	U	-	-	0.18	U	0.2	U	-	-	0.19	U	0.21	U	-	-
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.2	U	0.21	U	-	-	0.19	U	0.19	U	0.19	U	0.2	U	0.23	U	-	-	0.21	U	0.2	U	-	-	0.18	U	0.077	J	-	-	0.19	U	0.21	U	-	-
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.12	J	0.21	U	-	-	0.19	U	0.19	U	0.19	U	0.2	U	0.23	U	-	-	0.21	U	0.2	U	-	-	0.18	U	0.15	J	-	-	0.19	U	0.21	U	-	-
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.2	U	0.21	U	-	-	0.19	U	0.19	U	0.19	U	0.2	U	0.23	U	-	-	0.21	U	0.2	U	-	-	0.18	U	0.17	J	-	-	0.19	U	0.21	U	-	-
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.2	U	0.21	U	-	-	0.19	U	0.19	U	0.19	U	0.2	U	0.23	U	-	-	0.21	U	0.2	U	-	-	0.18	U	0.095	J	-	-	0.19	U	0.21	U	-	-
1,4-Dioxane	123-91-1	0.1	mg/kg	0.03	U	0.031	U	-	-	0.029	U	0.029	U	0.028	U	0.03	U	0.034	U	-	-	0.031	U	0.031	U	-	-	0.028	U	0.029	U	-	-	0.029	U	0.031	U	-	-
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	0.2	U	0.21	U	-	-	0.19	U	0.19	U	0.19	U	0.2	U	0.23	U	-	-	0.21	U	0.2	U	-	-	0.18	U	0.2	U	-	-	0.19	U	0.21	U	-	-
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	0.12	U	0.12	U	-	-	0.12	U	0.12	U	0.11	U	0.12	U	0.14	U	-	-	0.12	U	0.12	U	-	-	0.11	U	0.12	U	-	-	0.12	U	0.12	U	-	-
2,4-Dichlorophenol	120-83-2	~	mg/kg	0.18	U	0.19	U	-	-	0.17	U	0.17	U	0.17	U	0.18	U	0.21	U	-	-	0.19	U	0.18	U	-	-	0.17	U	0.18	U	-	-	0.17	U	0.19	U	-	-
2,4-Dimethylphenol	105-67-9	~	mg/kg	0.2	U	0.21	U	-	-	0.19	U	0.19	U	0.19	U	0.2	U	0.23	U	-	-	0.21	U	0.2	U	-	-	0.18	U	0.2	U	-	-	0.19	U	0.21	U	-	-
2,4-Dinitrophenol	51-28-5	~	mg/kg	0.96	U	1	U	-	-	0.92	U	0.93	U	0.9	U	0.97	U	1.1	U	-	-	1	U	0.98	U	-	-	0.89	U	0.94	U	-	-	0.93	U	1	U	-	-
2,4-Dinitrotoluene	121-14-2	~	mg/kg	0.2	U	0.21	U	-	-	0.19	U	0.19	U	0.19	U	0.2	U	0.23	U	-	-	0.21	U	0.2	U	-	-	0.18	U	0.2	U	-	-	0.19	U	0.21	U	-	-
2,6-Dinitrotoluene	606-20-2	~	mg/kg	0.2	U	0.21	U	-	-	0.19	U	0.19	U	0.19	U	0.2	U	0.23	U	-	-	0.21	U	0.2	U	-	-	0.18	U	0.2	U	-	-	0.19	U	0.21	U	-	-
2-Chloronaphthalene	91-58-7	~	mg/kg	0.2	U	0.21	U	-	-	0.19	U	0.19	U	0.19	U	0.2	U	0.23	U	-	-	0.21	U	0.2	U	-	-	0.18	U	0.2	U	-	-	0.19	U	0.21	U	-	-
2-Chlorophenol	95-57-8	~	mg/kg	0.2	U	0.21	U	-	-	0.19	U	0.19	U	0.19	U	0.2	U	0.23	U	-	-	0.21	U	0.2	U	-	-	0.18	U	0.2	U	-	-	0.19	U	0.21	U	-	-
2-Methylnaphthalene	91-57-6	~	mg/kg	0.39		0.18	J	-	-	0.43		0.34		0.07	J	0.053	J	0.11	J	-	-	0.37		0.34		-	-	0.42		0.11	J	-	-	0.23	U	0.14	J	-	-
2-Methylphenol	95-48-7	0.33	mg/kg	0.2	U	0.21	U	-	-	0.19	U	0.19	U	0.19	U	0.2	U	0.23	U	-	-	0.21	U	0.2	U	-	-	0.18	U	0.2	U	-	-	0.19	U	0.21	U	-	-
2-Nitroaniline	88-74-4	~	mg/kg	0.2	U	0.21	U	-	-	0.19	U	0.19	U	0.19	U	0.2	U	0.23	U	-	-	0.21	U	0.2	U	-	-	0.18	U	0.2	U	-	-	0.19	U	0.21	U	-	-
2-Nitrophenol	88-75-5	~	mg/kg	0.43	U	0.45	U	-	-	0.42	U	0.42	U	0.4	U	0.44	U	0.5	U	-	-	0.45	U	0.44	U	-	-	0.4	U	0.42	U	-	-	0.42	U	0.45	U	-	-
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	0.2	U	0.21	U	-	-	0.19	U	0.19	U	0.19	U	0.2	U	0.23	U	-	-	0.21	U	0.2	U	-	-	0.18	U	0.2	U	-	-	0.19	U	0.21	U	-	-
3-Methylphenol/4-Methylphenol	108-39-4/106-44	0.33	mg/kg	0.07	J	0.075	J	-	-	0.09	J	0.1	J	0.27	U	0.29	U	0.33	U	-	-	0.3	U	0.057	J	-	-	0.27	U	0.28	U	-	-	0.28	U	0.032	J	-	-
3-Nitroaniline	99-09-2	~	mg/kg	0.2	U	0.21	U	-	-	0.19	U	0.19	U	0.19	U	0.2	U	0.23	U	-	-	0.21	U	0.2	U	-	-	0.18	U	0.2	U	-	-	0.19	U	0.21	U	-	-
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	0.52	U	0.54	U	-	-	0.5	U	0.5	U	0.48	U	0.52	U	0.6	U	-	-	0.54	U	0.53	U	-	-	0.48	U	0.51	U	-	-	0.5	U	0.54	U	-	-
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	0.2	U	0.21	U	-	-	0.19	U	0.19	U	0.19	U	0.2	U	0.23	U	-	-	0.057	J	0.2	U	-	-	0.18	U	0.2	U	-	-	0.19	U	0.21	U	-	-

Table 3.3
Endpoint Analytical Data (6 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-63-013024		EP-64-012924		EP-64-012924		EP-65-020124		EP-66-013024		EP-67-013024		EP-68-011824		EP-69-011824		EP-69-011824		EP-70 012324		EP-71 012424		EP-71 012424		EP-73 012324		EP-74-02-02-24		EP-74-02-02-24		EP-78-013024		EP-79-012924		EP-79-012924	
SAMPLING DATE				1/30/2024		1/29/2024		1/29/2024		2/1/2024		1/30/2024		1/30/2024		1/18/2024		1/18/2024		1/18/2024		1/23/2024		1/24/2024		1/24/2024		1/23/2024		2/2/2024		2/2/2024		1/30/2024		1/29/2024		1/29/2024	
LAB SAMPLE ID				L2405077-15		L2404855-10		L2404855-10 R1		L2405669-02		L2405077-02		L2405077-03		L2403041-07		L2403041-10		L2403041-10 R1		L2403798-01		L2404098-02		L2404098-02 R1		L2403798-08		L2405955-01		L2405955-01 R1		L2405077-14		L2404855-02		L2404855-02 R1	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
4-Chloroaniline	106-47-8	~	mg/kg	0.2	U	0.21	U	-	-	0.19	U	0.19	U	0.19	U	0.2	U	0.23	U	-	-	0.21	U	0.2	U	-	-	0.18	U	0.2	U	-	-	0.19	U	0.21	U	-	-
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	0.2	U	0.21	U	-	-	0.19	U	0.19	U	0.19	U	0.2	U	0.23	U	-	-	0.21	U	0.2	U	-	-	0.18	U	0.2	U	-	-	0.19	U	0.21	U	-	-
4-Nitroaniline	100-01-6	~	mg/kg	0.2	U	0.21	U	-	-	0.19	U	0.19	U	0.19	U	0.2	U	0.23	U	-	-	0.21	U	0.2	U	-	-	0.18	U	0.2	U	-	-	0.19	U	0.21	U	-	-
4-Nitrophenol	100-02-7	~	mg/kg	0.28	U	0.29	U	-	-	0.27	U	0.27	U	0.26	U	0.28	U	0.32	U	-	-	0.29	U	0.29	U	-	-	0.26	U	0.27	U	-	-	0.27	U	0.29	U	-	-
Acenaphthene	83-32-9	98	mg/kg	0.6		0.48		-	-	1.1		0.65		0.18		0.29		0.099	J	-	-	0.11	J	1.1		-	-	0.61		0.085	J	-	-	0.06	J	0.42		-	-
Acenaphthylene	208-96-8	107	mg/kg	0.41		0.64		-	-	0.22		0.22		0.13	J	0.1	J	3.7		-	-	1.2		1		-	-	0.18		0.16		-	-	0.12	J	0.28		-	-
Acetophenone	98-86-2	~	mg/kg	0.069	J	0.21	U	-	-	0.19	U	0.031	J	0.19	U	0.2	U	0.23	U	-	-	0.21	U	0.2	U	-	-	0.18	U	0.2	U	-	-	0.19	U	0.21	U	-	-
Anthracene	120-12-7	1000	mg/kg	1.5		1.6		-	-	2.4		1.5		0.7		0.63		1		-	-	0.63		4.1		-	-	1.1		0.2		-	-	0.23		1.6		-	-
Benzo(a)anthracene	56-55-3	1	mg/kg	**2.9**		**4.9**		-	-	**4.3**		**2.5**		**1.9**		**2.6**		**20**	E	**27**		**3.7**		**7.4**		-	-	**2.1**		0.48		-	-	0.65		**4.1**		-	-
Benzo(a)pyrene	50-32-8	22	mg/kg	2.9		4.5		-	-	4.4		2.3		1.8		2.8		**73**	E	**100**		5.1		7.7		-	-	2.2		0.51		-	-	0.65		4.3		-	-
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	**3.6**		**5.8**		-	-	**5.2**		**2.7**		**2**		**3**		**53**	E	**58**		**4.4**		**8.4**	E	**11**		**2.6**		0.66		-	-	0.8		**4.6**		-	-
Benzo(ghi)perylene	191-24-2	1000	mg/kg	1.8		3.2		-	-	2.6		1.1		0.89		1.6		55	E	71		2.9		4.3		-	-	1.2		0.34		-	-	0.4		2.4		-	-
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	1		1.2		-	-	**1.8**		0.72		0.57		0.93		**9.2**		-	-	0.98		**2.4**		-	-	0.72		0.22		-	-	0.24		**1.7**		-	-
Benzoic Acid	65-85-0	~	mg/kg	0.65	U	0.68	U	-	-	0.62	U	0.63	U	0.6	U	0.65	U	0.74	U	-	-	0.68	U	0.66	U	-	-	0.6	U	0.63	U	-	-	0.63	U	0.67	U	-	-
Benzyl Alcohol	100-51-6	~	mg/kg	0.2	U	0.21	U	-	-	0.19	U	0.19	U	0.19	U	0.2	U	0.23	U	-	-	0.21	U	0.2	U	-	-	0.18	U	0.2	U	-	-	0.19	U	0.21	U	-	-
Biphenyl	92-52-4	~	mg/kg	0.13	J	0.049	J	-	-	0.12	J	0.1	J	0.024	J	0.46	U	0.059	J	-	-	0.071	J	0.13	J	-	-	0.099	J	0.04	J	-	-	0.44	U	0.041	J	-	-
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	0.22	U	0.23	U	-	-	0.21	U	0.21	U	0.2	U	0.22	U	0.25	U	-	-	0.22	U	0.22	U	-	-	0.2	U	0.21	U	-	-	0.21	U	0.22	U	-	-
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	0.18	U	0.19	U	-	-	0.17	U	0.17	U	0.17	U	0.18	U	0.21	U	-	-	0.19	U	0.18	U	-	-	0.17	U	0.18	U	-	-	0.17	U	0.19	U	-	-
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	0.24	U	0.25	U	-	-	0.23	U	0.23	U	0.22	U	0.24	U	0.28	U	-	-	0.25	U	0.24	U	-	-	0.22	U	0.23	U	-	-	0.23	U	0.25	U	-	-
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	0.2	U	0.21	U	-	-	0.19	U	0.19	U	0.19	U	0.2	U	0.23	U	-	-	0.16	J	0.2	U	-	-	0.15	J	0.2	U	-	-	0.19	U	0.21	U	-	-
Butyl benzyl phthalate	85-68-7	~	mg/kg	0.2	U	0.21	U	-	-	0.19	U	0.19	U	0.19	U	0.2	U	0.23	U	-	-	0.21	U	0.2	U	-	-	0.18	U	0.2	U	-	-	0.19	U	0.21	U	-	-
Carbazole	86-74-8	~	mg/kg	0.57		0.5		-	-	0.86		0.66		0.18	J	0.22		0.23	U	-	-	0.077	J	0.99		-	-	0.49		0.054	J	-	-	0.091	J	0.4		-	-
Chrysene	218-01-9	1	mg/kg	**2.8**		**4.5**		-	-	**4.3**		**2.3**		**1.9**		**3**		**20**	E	**27**		**3.3**		**7.2**		-	-	**2**		0.6		-	-	0.64		**3.8**		-	-
Di-n-butylphthalate	84-74-2	~	mg/kg	0.2	U	0.21	U	-	-	0.19	U	0.19	U	0.19	U	0.2	U	0.23	U	-	-	0.21	U	0.2	U	-	-	0.18	U	0.2	U	-	-	0.19	U	0.21	U	-	-
Di-n-octylphthalate	117-84-0	~	mg/kg	0.2	U	0.21	U	-	-	0.19	U	0.19	U	0.19	U	0.2	U	0.23	U	-	-	0.21	U	0.2	U	-	-	0.18	U	0.2	U	-	-	0.19	U	0.21	U	-	-
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	0.41		0.73		-	-	0.58		0.27		0.21		0.36		4.6		-	-	0.51		0.96		-	-	0.27		0.089	J	-	-	0.088	J	0.5		-	-
Dibenzofuran	132-64-9	210	mg/kg	0.49		0.31		-	-	0.75		0.5		0.1	J	0.086	J	0.23	U	-	-	0.08	J	0.84		-	-	0.45		0.072	J	-	-	0.043	J	0.26		-	-
Diethyl phthalate	84-66-2	~	mg/kg	0.2	U	0.21	U	-	-	0.19	U	0.19	U	0.19	U	0.2	U	0.23	U	-	-	0.21	U	0.2	U	-	-	0.18	U	0.2	U	-	-	0.19	U	0.21	U	-	-
Dimethyl phthalate	131-11-3	~	mg/kg	0.2	U	0.21	U	-	-	0.19	U	0.19	U	0.19	U	0.2	U	0.23	U	-	-	0.21	U	0.2	U	-	-	0.18	U	0.2	U	-	-	0.19	U	0.21	U	-	-
Fluoranthene	206-44-0	1000	mg/kg	5.7		8.7	E	11		10	E	5.2		3.4		4.8		19	E	24		4.3		13	E	21		5.5		1		-	-	1.4		8.6	E	9.2	
Fluorene	86-73-7	386	mg/kg	0.65		0.46		-	-	1.3		0.75		0.22		0.29		0.26		-	-	0.27		1.9		-	-	0.59		0.094	J	-	-	0.071	J	0.43		-	-
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.12	U	0.12	U	-	-	0.12	U	0.12	U	0.11	U	0.12	U	0.14	U	-	-	0.12	U	0.12	U	-	-	0.11	U	0.12	U	-	-	0.12	U	0.12	U	-	-
Hexachlorobutadiene	87-68-3	~	mg/kg	0.2	U	0.21	U	-	-	0.19	U	0.19	U	0.19	U	0.2	U	0.23	U	-	-	0.21	U	0.2	U	-	-	0.18	U	0.2	U	-	-	0.19	U	0.21	U	-	-
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	0.57	U	0.6	U	-	-	0.55	U	0.55	U	0.53	U	0.58	U	0.66	U	-	-	0.6	U	0.58	U	-	-	0.53	U	0.56	U	-	-	0.55	U	0.59	U	-	-
Hexachloroethane	67-72-1	~	mg/kg	0.16	U	0.17	U	-	-	0.15	U	0.16	U	0.15	U	0.16	U	0.18	U	-	-	0.17	U	0.16	U	-	-	0.15	U	0.16	U	-	-	0.15	U	0.17	U	-	-
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	1.7		2.9		-	-	2.6		1.2		0.96		1.4		**36**	E	**42**		2		4.8		-	-	1.1		0.3		-	-	0.39		2.6		-	-
Isophorone	78-59-1	~	mg/kg	0.18	U	0.19	U	-	-	0.17	U	0.17	U	0.17	U	0.18	U	0.21	U	-	-	0.19	U	0.18	U	-	-	0.17	U	0.18	U	-	-	0.17	U	0.19	U	-	-
n-Nitrosodi-n-propylamine	621-64-7	~	mg/kg	0.2	U	0.21	U	-	-	0.19	U	0.19	U	0.19	U	0.2	U	0.23	U	-	-	0.21	U	0.2	U	-	-	0.18	U	0.2	U	-	-	0.19	U	0.21	U	-	-
Naphthalene	91-20-3	12	mg/kg	0.82		0.51		-	-	0.88		0.77		0.12	J	0.068	J	0.27		-	-	0.7		0.54		-	-	0.44		0.42		-	-	0.051	J	0.3		-	-
NDPA/DPA	86-30-6	~	mg/kg	0.16	U	0.17	U	-	-	0.15	U	0.16	U	0.15	U	0.16	U	0.18	U	-	-	0.17	U	0.16	U	-	-	0.15	U	0.16	U	-	-	0.15	U	0.17	U	-	-
Nitrobenzene	98-95-3	~	mg/kg	0.18	U	0.19	U	-	-	0.17	U	0.17	U	0.17	U	0.18	U	0.21	U	-	-	0.19	U	0.18	U	-	-	0.17	U	0.18	U	-	-	0.17	U	0.19	U	-	-
p-Chloro-m-cresol	59-50-7	~	mg/kg	0.2	U	0.21	U	-	-	0.19	U	0.19	U	0.19	U	0.2	U	0.23	U	-	-	0.21	U	0.2	U	-	-	0.18	U	0.2	U	-	-	0.19	U	0.21	U	-	-
Pentachlorophenol	87-86-5	0.8	mg/kg	0.16	U	0.17	U	-	-	0.15	U	0.16	U	0.15	U	0.16	U	0.18	U	-	-	0.17	U	0.16	U	-	-	0.15	U	0.16	U	-	-	0.15	U	0.17	U	-	-
Phenanthrene	85-01-8	1000	mg/kg	5.3		6		-	-	10	E	4.7		2.5		3.6		0.79		-	-	1.5		12	E	16		4.6		0.76		-	-	1		5.3		-	-
Phenol	108-95-2	0.33	mg/kg	0.095	J	0.05	J	-	-	0.041	J	0.044	J	0.19	U	0.2	U	0.23	U	-	-	0.21	U	0.035	J	-	-	0.18	U	0.2	U	-	-	0.19	U	0.21	U	-	-
Pyrene	129-00-0	1000	mg/kg	5.2		8.1		-	-	9	E	4.7		3.5		5.5		64	E	93		6.4		13	E	20		4.8		0.95		-	-	1.2		7.6		-	-
Total Metals																																					
Aluminum, Total	7429-90-5		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2500		-	-	6200		-	-	-	-
Antimony, Total	7440-36-0		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.571	J	-	-	3.2		-	-	-	-
Arsenic, Total	7440-38-2	16	mg/kg	13.9		**44.7**		-	-	14		5.09		7.26		7.7		7.48		-	-	10.5		8.84		-	-	6.97		4.29		-	-	6.38		8.54		-	-
Barium, Total	7440-39-3	820	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	60.3		-	-	219		-	-	-	-
Beryllium, Total	7440-41-7	47	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.194	J	-	-	0.402		-	-	-	-
Cadmium, Total	7440-43-9	7.5	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.12	J	-	-	0.622		-	-	-	-
Calcium, Total	7440-70-2		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	94700		-	-	11600		-	-	-	-
Chromium, Total	7440-47-3		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.44		-	-	17.3		-	-	-	-
Cobalt, Total	7440-48-4		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.2		-	-	5.04		-	-	-	-
Copper, Total	7440-50-8	1720	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38.2		-	-	52.1		-	-	-	-
Iron, Total	7439-89-6		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9540		-	-	12200		-	-	-	-
Lead, Total	7439-92-1	450	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	53.6		-	-	423		-	-	-	-
Magnesium, Total	7439-95-4		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	39500		-	-	2820		-	-	-	-
Manganese, Total	7439-96-5	2000	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	162		-	-	206		-	-	-	-
Mercury, Total	7439-97-6	0.73	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.186		-	-	**1.09**		-	-	-	-
Nickel, Total	7440-02-0	130	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.79		-	-	19.1		-	-	-	-
Potassium, Total	7440-09-7		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	415		-	-	854		-	-	-	-
Selenium, Total	7782-49-2	4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.441	J	-	-	0.48	J	-	-	-	-
Silver, Total	7440-22-4	8.3	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.313	J	-	-	0.183	J	-	-	-	-
Sodium, Total	7440-23-5		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	196		-	-	114		-	-	-	-
Thallium, Total	7440-28-0		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.376	J	-	-	0.518	J	-	-	-	-
Vanadium, Total	7440-62-2		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	41.1		-	-	19.3		-	-	-	-
Zinc, Total	7440-66-6	2480	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43.4		-	-	245		-	-	-	-
Volatile Organics by EPA 5035																																					
1,1,1,2-Tetrachloroethane	630-20-6		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00075	U	0.00072	U	0.00053	U	-	-	-	-
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00075	U	0.00072	U	0.00053	U	-	-	-	-
1,1,2,2-Tetrachloroethane	79-34-5		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00075	U	0.00072	U	0.00053	U	-	-	-	-
1,1,2-Trichloroethane	79-00-5		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0015	U	0.0014	U	0.001	U	-	-	-	-
1,1-Dichloroethane	75-34-3	0.27	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0015	U	0.0014	U	0.001	U	-	-	-	-
1,1-Dichloroethene	75-35-4	0.33	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0015	U	0.0014	U	0.001	U	-	-	-	-
1,1-Dichloropropene	563-58-6		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00075	U	0.00072	U	0.00053	U	-	-	-	-
1,2,3-Trichlorobenzene	87-61-6		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.003	U	0.0029	U	0.0021	U	-	-	-	-
1,2,3-Trichloropropane	96-18-4		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.003	U	0.0029	U	0.0021	U	-	-	-	-
1,2,4,5-Tetramethylbenzene	95-93-2		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0012	J	0.0029	U	0.0021	U	-	-	-	-
1,2,4-Trichlorobenzene	120-82-1		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.003	U	0.0029	U	0.0021	U	-	-	-	-
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.003	U	0.0029	U	0.0021	U	-	-	-	-
1,2-Dibromo-3-chloropropane	96-12-8		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0045	U	0.0043	U	0.0032	U	-	-	-	-
1,2-Dibromoethane	106-93-4		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0015	U	0.0014	U	0.001	U	-	-	-	-

Table 3.3
Endpoint Analytical Data (6 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-63-013024		EP-64-012924		EP-64-012924		EP-65-020124		EP-66-013024		EP-67-013024		EP-68-011824		EP-69-011824		EP-69-011824		EP-70 012324		EP-71 012424		EP-71 012424		EP-73 012324		EP-74-02-02-24		EP-74-02-02-24		EP-78-013024		EP-79-012924		EP-79-012924	
SAMPLING DATE				1/30/2024		1/29/2024		1/29/2024		2/1/2024		1/30/2024		1/30/2024		1/18/2024		1/18/2024		1/18/2024		1/23/2024		1/24/2024		1/24/2024		1/23/2024		2/2/2024		2/2/2024		1/30/2024		1/29/2024		1/29/2024	
LAB SAMPLE ID				L2405077-15		L2404855-10		L2404855-10 R1		L2405669-02		L2405077-02		L2405077-03		L2403041-07		L2403041-10		L2403041-10 R1		L2403798-01		L2404098-02		L2404098-02 R1		L2403798-08		L2405955-01		L2405955-01 R1		L2405077-14		L2404855-02		L2404855-02 R1	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.003	U	0.0029	U	0.0021	U	-	-	-	-
1,2-Dichloroethane	107-06-2	0.02	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0015	U	0.0014	U	0.001	U	-	-	-	-
1,2-Dichloroethene, Total	540-59-0		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0015	U	0.0014	U	0.001	U	-	-	-	-
1,2-Dichloropropane	78-87-5		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0015	U	0.0014	U	0.001	U	-	-	-	-
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.003	U	0.0029	U	0.0021	U	-	-	-	-
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.003	U	0.0029	U	0.0021	U	-	-	-	-
1,3-Dichloropropane	142-28-9		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.003	U	0.0029	U	0.0021	U	-	-	-	-
1,3-Dichloropropene, Total	542-75-6		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00075	U	0.00072	U	0.00053	U	-	-	-	-
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.003	U	0.0029	U	0.0021	U	-	-	-	-
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.12	U	0.12	U	0.084	U	-	-	-	-
2,2-Dichloropropane	594-20-7		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.003	U	0.0029	U	0.0021	U	-	-	-	-
2-Butanone	78-93-3	0.12	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.015	U	0.014	U	0.01	U	-	-	-	-
2-Hexanone	591-78-6		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.015	U	0.014	U	0.01	U	-	-	-	-
4-Methyl-2-pentanone	108-10-1		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.015	U	0.014	U	0.01	U	-	-	-	-
Acetone	67-64-1	0.05	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.015	U	0.014	U	0.01	U	-	-	-	-
Acrylonitrile	107-13-1		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.006	U	0.0058	U	0.0042	U	-	-	-	-
Benzene	71-43-2	0.06	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00075	U	0.00072	U	0.00053	U	-	-	-	-
Bromobenzene	108-86-1		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.003	U	0.0029	U	0.0021	U	-	-	-	-
Bromochloromethane	74-97-5		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.003	U	0.0029	U	0.0021	U	-	-	-	-
Bromodichloromethane	75-27-4		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00075	U	0.00072	U	0.00053	U	-	-	-	-
Bromoform	75-25-2		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.006	U	0.0058	U	0.0042	U	-	-	-	-
Bromomethane	74-83-9		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0009	JB	0.0029	U	0.0021	U	-	-	-	-
Carbon disulfide	75-15-0		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.015	U	0.014	U	0.01	U	-	-	-	-
Carbon tetrachloride	56-23-5	0.76	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0015	U	0.0014	U	0.001	U	-	-	-	-
Chlorobenzene	108-90-7	1.1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00075	U	0.00072	U	0.00053	U	-	-	-	-
Chloroethane	75-00-3		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.003	U	0.0029	U	0.0021	U	-	-	-	-
Chloroform	67-66-3	0.37	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00028	J	0.0002	J	0.0016	U	-	-	-	-
Chloromethane	74-87-3		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.006	U	0.0058	U	0.0042	U	-	-	-	-
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0015	U	0.0014	U	0.001	U	-	-	-	-
cis-1,3-Dichloropropene	10061-01-5		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00075	U	0.00072	U	0.00053	U	-	-	-	-
Dibromochloromethane	124-48-1		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0015	U	0.0014	U	0.001	U	-	-	-	-
Dibromomethane	74-95-3		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.003	U	0.0029	U	0.0021	U	-	-	-	-
Dichlorodifluoromethane	75-71-8		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.015	U	0.014	U	0.01	U	-	-	-	-
Ethyl ether	60-29-7		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.003	U	0.0029	U	0.0021	U	-	-	-	-
Ethylbenzene	100-41-4	1	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0015	U	0.0014	U	0.001	U	-	-	-	-
Hexachlorobutadiene	87-68-3		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.006	U	0.0058	U	0.0042	U	-	-	-	-
Isopropylbenzene	98-82-8		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0015	U	0.0014	U	0.001	U	-	-	-	-
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.003	U	0.0029	U	0.0021	U	-	-	-	-
Methylene chloride	75-09-2	0.05	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0075	U	0.0072	U	0.0053	U	-	-	-	-
n-Butylbenzene	104-51-8	12	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0015	U	0.0014	U	0.001	U	-	-	-	-
n-Propylbenzene	103-65-1	3.9	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0015	U	0.0014	U	0.001	U	-	-	-	-
Naphthalene	91-20-3	12	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.006	U	0.0058	U	0.0042	U	-	-	-	-
o-Chlorotoluene	95-49-8		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.003	U	0.0029	U	0.0021	U	-	-	-	-
o-Xylene	95-47-6		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0015	U	0.0014	U	0.001	U	-	-	-	-
p-Chlorotoluene	106-43-4		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.003	U	0.0029	U	0.0021	U	-	-	-	-
p-Diethylbenzene	105-05-5		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.003	U	0.0029	U	0.0021	U	-	-	-	-
p-Ethyltoluene	622-96-8		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.003	U	0.0029	U	0.0021	U	-	-	-	-
p-Isopropyltoluene	99-87-6		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0015	U	0.0014	U	0.001	U	-	-	-	-
p/m-Xylene	179601-23-1		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.001	J	0.00092	J	0.0021	U	-	-	-	-
sec-Butylbenzene	135-98-8	11	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0015	U	0.0014	U	0.001	U	-	-	-	-
Styrene	100-42-5		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0015	U	0.0014	U	0.00067	J	-	-	-	-
tert-Butylbenzene	98-06-6	5.9	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.003	U	0.0029	U	0.0021	U	-	-	-	-
Tetrachloroethene	127-18-4	1.3	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00075	U	0.00072	U	0.00026	J	-	-	-	-
Toluene	108-88-3	0.7	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0015	U	0.0014	U	0.001	U	-	-	-	-
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0022	U	0.0022	U	0.0016	U	-	-	-	-
trans-1,3-Dichloropropene	10061-02-6		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0015	U	0.0014	U	0.001	U	-	-	-	-
trans-1,4-Dichloro-2-butene	110-57-6		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0075	U	0.0072	U	0.0053	U	-	-	-	-
Trichloroethene	79-01-6	0.47	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.00075	U	0.00072	U	0.00053	U	-	-	-	-
Trichlorofluoromethane	75-69-4		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.006	U	0.0058	U	0.0042	U	-	-	-	-
Vinyl acetate	108-05-4		mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.015	U	0.014	U	0.01	U	-	-	-	-
Vinyl chloride	75-01-4	0.02	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0015	U	0.0014	U	0.001	U	-	-	-	-
Xylenes, Total	1330-20-7	1.6	mg/kg	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.001	J	0.00092	J	0.001	U	-	-	-	-

* Comparison is not performed on parameters with non-numeric criteria.
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Crite

Table 3.3
Endpoint Analytical Data (6 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-81-013024		EP-82-013024		EP-83-011824		EP-84-011824		EP-84-011824		EP-87 012424		EP-88 012324		EP-91-02-02-24		EP-92 012424		EP-93 012424		EP-94 012424		EP-95-012924		EP-96-012924		EP-98-011824		EP-99-011824		EP-100-011824		EP-101-012224		EP-102-012224	
SAMPLING DATE				1/30/2024		1/30/2024		1/18/2024		1/18/2024		1/18/2024		1/24/2024		1/23/2024		2/2/2024		1/24/2024		1/24/2024		1/24/2024		1/29/2024		1/29/2024		1/18/2024		1/18/2024		1/18/2024		1/22/2024		1/22/2024	
LAB SAMPLE ID				L2405077-04		L2405077-05		L2403041-04		L2403041-05		L2403041-05 R1		L2404098-01		L2403798-09		L2405955-02		L2404098-04		L2404098-05		L2404098-07		L2404855-07		L2404855-08		L2403041-02		L2403041-03		L2403041-06		L2403572-04		L2403572-03	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																																							
Chromium, Hexavalent	18540-29-9	19	mg/kg	0.989	U	0.937	U	0.292	J	1.1	U	-	-	0.515	J	0.913	U	82.1		0.507	J	0.984	U	0.263	J	0.92	U	0.327	J	1.01	U	0.959	U	0.891	U	0.932	U	0.895	U
Cyanide, Total	57-12-5	40	mg/kg	-	-	-	-	1.2	U	-	-	-	-	-	-	-	-	1.2	U	1.1	U	-	-	1.1	U	1.1	U	1.1	U	1.2	U	1.1	U	1.7		1.1	U	1.1	U
Solids, Total	NONE	~	%	80.9		85.4		78.8		72.4		-	-	85.5		87.6		0.353	J	84.8		81.3		87.5		86.9		85.7		79.4		83.4		89.8		85.8		89.4	
Organochlorine Pesticides by GC																																							
4,4'-DDD	72-54-8	14	mg/kg	-	-	-	-	0.00534	U	-	-	-	-	-	-	-	-	0.00189	U	0.00182	U	-	-	0.00176	U	0.00176	U	0.00182	U	0.00195	U	0.00188	U	0.00173	U	0.00177	U	0.00343	
4,4'-DDE	72-55-9	17	mg/kg	-	-	-	-	0.00534	U	-	-	-	-	-	-	-	-	0.00189	U	0.00182	U	-	-	0.00176	U	0.00176	U	0.00182	U	0.00195	U	0.00188	U	0.00173	U	0.00177	U	0.000714	JIP
4,4'-DDT	50-29-3	136	mg/kg	-	-	-	-	0.00534	U	-	-	-	-	-	-	-	-	0.00189	U	0.00182	U	-	-	0.0015	J	0.00176	U	0.00182	U	0.00195	U	0.00188	U	0.00173	U	0.00177	U	0.0017	U
Aldrin	309-00-2	0.19	mg/kg	-	-	-	-	0.00534	U	-	-	-	-	-	-	-	-	0.00189	U	0.00182	U	-	-	0.00176	U	0.00176	U	0.00182	U	0.00195	U	0.00188	U	0.00173	U	0.00177	U	0.0017	U
Alpha-BHC	319-84-6	0.02	mg/kg	-	-	-	-	0.00223	U	-	-	-	-	-	-	-	-	0.000787	U	0.000757	U	-	-	0.000733	U	0.000734	U	0.00076	U	0.000814	U	0.000785	U	0.00072	U	0.000737	U	0.000709	U
Beta-BHC	319-85-7	0.09	mg/kg	-	-	-	-	0.00534	U	-	-	-	-	-	-	-	-	0.00189	U	0.00182	U	-	-	0.00176	U	0.00176	U	0.00182	U	0.00195	U	0.00188	U	0.00173	U	0.00177	U	0.0017	U
Chlordane	57-74-9		mg/kg	-	-	-	-	0.0445	U	-	-	-	-	-	-	-	-	0.0157	U	0.0151	U	-	-	0.0146	U	0.0147	U	0.0152	U	0.0163	U	0.0157	U	0.0144	U	0.0147	U	0.0142	U
cis-Chlordane	5103-71-9	2.9	mg/kg	-	-	-	-	0.00668	U	-	-	-	-	-	-	-	-	0.00236	U	0.00227	U	-	-	0.0022	U	0.0022	U	0.00228	U	0.00244	U	0.00236	U	0.00216	U	0.00221	U	0.00213	U
Delta-BHC	319-86-8	0.25	mg/kg	-	-	-	-	0.00534	U	-	-	-	-	-	-	-	-	0.00189	U	0.00182	U	-	-	0.00176	U	0.00176	U	0.00182	U	0.00195	U	0.00188	U	0.00173	U	0.00177	U	0.0017	U
Dieldrin	60-57-1	0.1	mg/kg	-	-	-	-	0.00334	U	-	-	-	-	-	-	-	-	0.00118	U	0.00114	U	-	-	0.0011	U	0.0011	U	0.00114	U	0.00122	U	0.00118	U	0.00108	U	0.0011	U	0.00106	U
Endosulfan I	959-98-8	102	mg/kg	-	-	-	-	0.00534	U	-	-	-	-	-	-	-	-	0.00189	U	0.00182	U	-	-	0.00176	U	0.00176	U	0.00182	U	0.00195	U	0.00188	U	0.00173	U	0.00177	U	0.0017	U
Endosulfan II	33213-65-9	102	mg/kg	-	-	-	-	0.00534	U	-	-	-	-	-	-	-	-	0.00189	U	0.00182	U	-	-	0.00176	U	0.00176	U	0.00182	U	0.00195	U	0.00188	U	0.00173	U	0.00177	U	0.0017	U
Endosulfan sulfate	1031-07-8	1000	mg/kg	-	-	-	-	0.00223	U	-	-	-	-	-	-	-	-	0.000787	U	0.000757	U	-	-	0.000733	U	0.000734	U	0.00076	U	0.000814	U	0.000785	U	0.00072	U	0.000737	U	0.000709	U
Endrin	72-20-8	0.06	mg/kg	-	-	-	-	0.00223	U	-	-	-	-	-	-	-	-	0.000787	U	0.000757	U	-	-	0.000733	U	0.000734	U	0.00076	U	0.000814	U	0.000785	U	0.00072	U	0.000737	U	0.000709	U
Endrin aldehyde	7421-93-4	~	mg/kg	-	-	-	-	0.00668	U	-	-	-	-	-	-	-	-	0.00236	U	0.00227	U	-	-	0.0022	U	0.0022	U	0.00228	U	0.00244	U	0.00236	U	0.00216	U	0.00221	U	0.00213	U
Endrin ketone	53494-70-5	~	mg/kg	-	-	-	-	0.00534	U	-	-	-	-	-	-	-	-	0.00189	U	0.00182	U	-	-	0.00176	U	0.00176	U	0.00182	U	0.00195	U	0.00188	U	0.00173	U	0.00177	U	0.0017	U
Heptachlor	76-44-8	0.38	mg/kg	-	-	-	-	0.00267	U	-	-	-	-	-	-	-	-	0.000945	U	0.000908	U	-	-	0.000879	U	0.000881	U	0.000912	U	0.000977	U	0.000942	U	0.000864	U	0.000884	U	0.000851	U
Heptachlor epoxide	1024-57-3	~	mg/kg	-	-	-	-	0.01	U	-	-	-	-	-	-	-	-	0.00354	U	0.00341	U	-	-	0.0033	U	0.0033	U	0.00342	U	0.00366	U	0.00353	U	0.00324	U	0.00332	U	0.00319	U
Lindane	58-89-9	0.1	mg/kg	-	-	-	-	0.00223	U	-	-	-	-	-	-	-	-	0.000787	U	0.000757	U	-	-	0.000733	U	0.000734	U	0.00076	U	0.000814	U	0.000785	U	0.00072	U	0.000737	U	0.000709	U
Methoxychlor	72-43-5	~	mg/kg	-	-	-	-	0.01	U	-	-	-	-	-	-	-	-	0.00354	U	0.00341	U	-	-	0.0033	U	0.0033	U	0.00342	U	0.00366	U	0.00353	U	0.00324	U	0.00332	U	0.00319	U
Toxaphene	8001-35-2	~	mg/kg	-	-	-	-	0.1	U	-	-	-	-	-	-	-	-	0.0354	U	0.0341	U	-	-	0.033	U	0.033	U	0.0342	U	0.0366	U	0.0353	U	0.0324	U	0.0332	U	0.0319	U
trans-Chlordane	5103-74-2	~	mg/kg	-	-	-	-	0.00668	U	-	-	-	-	-	-	-	-	0.00236	U	0.00227	U	-	-	0.00104	JIP	0.0022	U	0.00228	U	0.00244	U	0.00236	U	0.00216	U	0.00221	U	0.00213	U
Perfluorinated Alkyl Acids by EPA 1633																																							
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	~	mg/kg	-	-	-	-	0.000792	U	-	-	-	-	-	-	-	-	0.000799	U	0.000786	U	-	-	0.000776	U	0.000806	U	0.000794	U	0.000776	U	0.000793	U	0.000784	U	0.000794	U	0.00077	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	~	mg/kg	-	-	-	-	0.000792	U	-	-	-	-	-	-	-	-	0.000799	U	0.000786	U	-	-	0.000776	U	0.000981		0.000794	U	0.000776	U	0.000793	U	0.000784	U	0.000794	U	0.00077	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtF	2991-50-6	~	mg/kg	-	-	-	-	0.000198	U	-	-	-	-	-	-	-	-	0.0002	U	0.000196	U	-	-	0.000194	U	0.000202	U	0.000198	U	0.000194	U	0.000198	U	0.000196	U	0.000198	U	0.000192	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NM	2355-31-9	~	mg/kg	-	-	-	-	0.000198	U	-	-	-	-	-	-	-	-	0.0002	U	0.000196	U	-	-	0.000194	U	0.000202	U	0.000198	U	0.000194	U	0.000198	U	0.000196	U	0.000198	U	0.000192	U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	-	-	-	-	0.000198	U	-	-	-	-	-	-	-	-	0.0002	U	0.000196	U	-	-	0.000194	U	0.000202	U	0.000198	U	0.000194	U	0.000198	U	0.000196	U	0.000198	U	0.000192	U
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	-	-	-	-	0.000792	U	-	-	-	-	-	-	-	-	0.000799	U	0.000786	U	-	-	0.000776	U	0.000806	U	0.000167	J	0.000776	U	0.000793	U	0.000784	U	0.000794	U	0.00077	U
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	-	-	-	-	0.000198	U	-	-	-	-	-	-	-	-	0.0002	U	0.000196	U	-	-	0.000194	U	0.000202	U	0.000198	U	0.000194	U	0.000198	U	0.000196	U	0.000198	U	0.000192	U
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	-	-	-	-	0.000198	U	-	-	-	-	-	-	-	-	0.0002	U	0.000196	U	-	-	0.000194	U	0.000202	U	0.000198	U	0.000194	U	0.000198	U	0.000196	U	0.000198	U	0.000192	U
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	-	-	-	-	0.000198	U	-	-	-	-	-	-	-	-	0.0002	U	0.000196	U	-	-	0.000194	U	0.000202	U	0.000198	U	0.000194	U	0.000198	U	0.000196	U	0.000198	U	0.000192	U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	-	-	-	-	0.000198	U	-	-	-	-	-	-	-	-	0.0002	U	0.000196	U	-	-	0.000194	U	0.000202	U	0.000198	U	0.000037	J	0.000198	U	0.000196	U	0.000198	U	0.000192	U
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	-	-	-	-	0.000198	U	-	-	-	-	-	-	-	-	0.0002	U	0.000196	U	-	-	0.000194	U	0.000202	U	0.000024	J	0.000042	J	0.000198	U	0.000196	U	0.000198	U	0.000192	U
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	-	-	-	-	0.000076	J	-	-	-	-	-	-	-	-	0.0002	U	0.000196	U	-	-	0.000194	U	0.000202	U	0.000198	U	0.00008	J	0.000198	U	0.000196	U	0.000198	U	0.000192	U
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	-	-	-	-	0.000198	U	-	-	-	-	-	-	-	-	0.0002	U	0.000196	U	-	-	0.000194	U	0.000202	U	0.000198	U	0.000045	JF	0.000198	U	0.000196	U	0.000198	U	0.000192	U
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	-	-	-	-	0.000198	U	-	-	-	-	-	-	-	-	0.0002	U	0.000196	U	-	-	0.000194	U	0.000202	U	0.000198	U	0.000194	U	0.000198	U	0.000196	U	0.000198	U	0.000192	U
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	-	-	-	-	0.000198	U	-	-	-	-	-	-	-	-	0.0002	U	0.000196	U	-	-	0.000194	U	0.000202	U	0.000198	U	0.000194	U	0.000198	U	0.000196	U	0.000198	U	0.000192	U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	-	-	-	-	0.000228		-	-	-	-	-	-	-	-	0.0002	U	0.000196	U	-	-	0.000194	U	0.000084	J	0.000151	J	0.00036		0.000198	U	0.000196	U	0.000084	J	0.000076	J
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	-	-	-	-	0.000102	J	-	-	-	-	-	-	-	-	0.0002	U	0.000099	J	-	-	0.000112	J	0.000124	J	0.000056	J	0.000085	J	0.000198	U	0.000196	U	0.000198	U	0.000192	U
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	-	-	-	-	0.000396	U	-	-	-	-	-	-	-	-	0.000399	U	0.000393	U	-	-	0.000388	U	0.000403	U	0.000061	J	0.000388	U	0.000396	U	0.000392	U	0.000397	U	0.000385	U
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	-	-	-	-	0.000198	U	-	-	-	-	-	-	-	-	0.0002	U	0.000196	U	-	-	0.000194	U	0.000202	U	0.000198	U	0.000194	U	0.000198	U	0.000196	U	0.000198	U	0.000192	U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	-	-	-	-	0.000198	U	-	-	-	-	-	-	-	-	0.0002	U	0.000196	U	-	-	0.000194	U	0.000202	U	0.000198	U	0.000194	U	0.000198	U	0.000196	U	0.000198	U	0.000192	U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	-	-	-	-	0.000198	U	-	-	-	-	-	-	-	-	0.0002	U	0.000196	U	-	-	0.000194	U	0.000202	U	0.000198	U	0.000194	U	0.000198	U	0.000196	U	0.000198	U	0.000192	U
PFOA/PFOS, Total	null	~	mg/kg	-	-	-	-	0.00033	J	-	-	-	-	-	-	-	-	0.0002	U	0.000099	J	-	-	0.000112	J	0.000208	J	0.000207	J	0.000445	J	0.000198	U	0.000196	U	0.000084	J	0.000076	J
Polychlorinated Biphenyls by GC																																							
Aroclor 1016	12674-11-2	3.2	mg/kg	-	-	-	-	0.116	U	-	-	-	-	-	-	-	-	0.0597	U	0.0553	U	-	-	0.0534	U	0.0568	U	0.0548	U	0.0612	U	0.0586	U	0.0523	U	0.0574	U	0.0548	U
Aroclor 1221	11104-28-2	3.2	mg/kg	-	-	-	-	0.116	U	-	-	-	-	-	-	-	-	0.0597	U	0.0553	U	-	-	0.0534	U	0.0568	U	0.0548	U	0.0612	U	0.0586	U	0.0523	U	0.0574	U	0.0548	U
Aroclor 1232	11141-16-5	3.2	mg/kg	-	-	-	-	0.116	U	-	-	-	-	-	-	-	-	0.0597	U	0.0553	U	-	-	0.0534	U	0.0568	U	0.0548	U	0.0612	U	0.0586	U	0.0523	U	0.0574	U	0.0548	U
Aroclor 1242	53469-21-9	3.2	mg/kg	-	-	-	-	0.116	U	-	-	-	-	-	-	-	-	0.0597	U	0.0553	U	-	-	0.0534	U	0.0568	U	0.0548	U	0.0612	U	0.0586	U	0.0523	U	0.0574	U	0.0548	U
Aroclor 1248	12672-29-6	3.2	mg/kg	-	-	-	-	0.116	U	-	-	-	-	-	-	-	-	0.0597	U	0.0553	U	-	-	0.0534	U	0.0568	U	0.0548	U	0.0612	U	0.0586	U	0.0523	U	0.0574	U	0.0548	U
Aroclor 1254	11097-69-1	3.2	mg/kg	-	-	-	-	0.116	U	-	-	-	-	-	-	-	-	0.0597	U	0.0553	U	-	-	0.0534	U	0.0568	U	0.0548	U	0.0612	U	0.0586	U	0.0523	U	0.0574	U	0.0548	U
Aroclor 1260	11096-82-5	3.2	mg/kg	-	-	-	-	0.116	U	-	-	-	-	-	-	-	-	0.0597	U	0.0553	U	-	-	0.0534	U	0.0568	U	0.0548	U	0.0612	U	0.0586	U	0.0523	U	0.0574	U	0.0548	U
Aroclor 1262	37324-23-5	3.2	mg/kg	-	-	-	-	0.116	U	-	-	-	-	-	-	-	-	0.0597	U	0.0553	U	-	-	0.0534	U	0.0568	U	0.0548	U	0.0612	U	0.0586	U	0.0523	U	0.0574	U	0.0548	U
Aroclor 1268	11100-14-4	3.2	mg/kg	-	-	-	-	0.116	U	-	-	-	-	-	-	-	-	0.0597	U	0.0553	U	-	-	0.0534	U	0.0568	U	0.0548	U	0.0612	U	0.0586	U	0.0523	U	0.0574	U	0.0548	U
PCBs, Total	1336-36-3	3.2	mg/kg	-	-	-	-	0.116	U	-	-	-	-	-	-	-	-	0.0597	U	0.0553	U	-	-	0.0534	U	0.0568	U	0.0548	U	0.0612	U	0.0586	U	0.0523	U	0.0574	U	0.0548	U
Semivolatile Organics by GC/MS																																							
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.19	U	0.94	U	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.19	U	0.94	U	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.19	U	0.94	U	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.19	U	0.94	U	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.19	U	0.94	U	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.03	U	0.028	U	0.031	U	0.034	U	-	-	0.029	U	0.14	U	0.03	U	0.029	U	0.03	U	0.14	U	0.028	U	0.029	U	0.031	U	0.029	U	0.028	U	0.029	U	0.028	U
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.19	U	0.94	U	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	0.12	U	0.11	U	0.12	U	0.14	U	-	-	0.12	U	0.56	U	0.12	U	0.12	U	0.12	U	0.56	U	0.11	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U
2,4-Dichlorophenol	120-83-2	~	mg/kg	0.18	U	0.17	U	0.19	U	0.2	U	-	-	0.17	U	0.84	U	0.18	U	0.17	U	0.18	U	0.84	U	0.17	U	0.17	U	0.19	U	0.18	U	0.17	U	0.17	U	0.17	U
2,4-Dimethylphenol	105-67-9	~	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.19	U	0.94	U	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U
2,4-Dinitrophenol	51-28-5	~	mg/kg	0.97	U	0.91	U	1	U	1.1	U	-	-	0.92	U	4.5	U	0.95	U	0.93	U	0.95	U	4.4	U	0.9	U	0.92	U	0.99	U	0.93	U	0.88	U	0.92	U	0.89	U
2,4-Dinitrotoluene	121-14-2	~	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.19	U	0.94	U	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U
2,6-Dinitrotoluene	606-20-2	~	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.19	U	0.94	U	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U
2-Chloronaphthalene	91-58-7	~	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.19	U	0.94	U	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U
2-Chlorophenol	95-57-8	~	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.19	U	0.94	U	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U
2-Methylnaphthalene	91-57-6	~	mg/kg	0.18	J	0.077	J	0.25	U	0.27	U	-	-	0.16	J	0.17	J	0.24	U	0.23	U	0.081	J	1.1	U	0.23	U	0.23	U	0.25	U	0.23	U	0.033	J	0.23	U	0.22	U
2-Methylphenol	95-48-7	0.33	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.19	U	0.94	U	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U
2-Nitroaniline	88-74-4	~	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.19	U	0.94	U	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U
2-Nitrophenol	88-75-5	~	mg/kg	0.44	U	0.41	U	0.45	U	0.49	U	-	-	0.42	U	2	U	0.43	U	0.42	U	0.43	U	2	U	0.41	U	0.42	U	0.45	U	0.42	U	0.4	U	0.41	U	0.4	U
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.19	U	0.94	U	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44	0.33	mg/kg	0.035	J	0.27	U	0.3	U	0.33	U	-	-	0.039	J	1.3	U	0.28	U	0.28	U	0.29	U	1.3	U	0.27	U	0.28	U	0.3	U	0.28	U	0.26	U	0.28	U	0.27	U
3-Nitroaniline	99-09-2	~	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.19	U	0.94	U	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	0.53	U	0.49	U	0.54	U	0.59	U	-	-	0.5	U	2.4	U	0.51	U	0.5	U	0.52	U	2.4	U	0.49	U	0.5	U	0.54	U	0.5	U	0.48	U	0.5	U	0.48	U
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.19	U	0.94	U	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U

Table 3.3
Endpoint Analytical Data (6 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-81-013024		EP-82-013024		EP-83-011824		EP-84-011824		EP-84-011824		EP-87 012424		EP-88 012324		EP-91-02-02-24		EP-92 012424		EP-93 012424		EP-94 012424		EP-95-012924		EP-96-012924		EP-98-011824		EP-99-011824		EP-100-011824		EP-101-012224		EP-102-012224	
SAMPLING DATE				1/30/2024		1/30/2024		1/18/2024		1/18/2024		1/18/2024		1/24/2024		1/23/2024		2/2/2024		1/24/2024		1/24/2024		1/24/2024		1/29/2024		1/29/2024		1/18/2024		1/18/2024		1/18/2024		1/22/2024		1/22/2024	
LAB SAMPLE ID				L2405077-04		L2405077-05		L2403041-04		L2403041-05		L2403041-05 R1		L2404098-01		L2403798-09		L2405955-02		L2404098-04		L2404098-05		L2404098-07		L2404855-07		L2404855-08		L2403041-02		L2403041-03		L2403041-06		L2403572-04		L2403572-03	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
4-Chloroaniline	106-47-8	~	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.19	U	0.94	U	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.19	U	0.94	U	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U
4-Nitroaniline	100-01-6	~	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.19	U	0.94	U	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U
4-Nitrophenol	100-02-7	~	mg/kg	0.28	U	0.27	U	0.29	U	0.32	U	-	-	0.27	U	1.3	U	0.28	U	0.27	U	0.28	U	1.3	U	0.26	U	0.27	U	0.29	U	0.27	U	0.26	U	0.27	U	0.26	U
Acenaphthene	83-32-9	98	mg/kg	0.4		0.1	J	0.17	U	0.082	J	-	-	0.42		0.34	J	0.025	J	0.16	U	0.16		0.74	U	0.15	U	0.16		0.036	J	0.16	U	0.1	J	0.024	J	0.043	J
Acenaphthylene	208-96-8	107	mg/kg	0.24		0.16		0.17	U	0.39		-	-	0.28		0.64	J	0.16	U	0.16	U	0.13	J	0.74	U	0.15	U	0.086	J	0.16	U	0.04	J	0.15	U	0.15	U	0.045	J
Acetophenone	98-86-2	~	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.025	J	0.94	U	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U
Anthracene	120-12-7	1000	mg/kg	0.99		0.53		0.12	U	0.19		-	-	1.1		1.9		0.069	J	0.12	U	0.44		0.56	U	0.11	U	0.36		0.052	J	0.043	J	0.24		0.11	U	0.14	
Benzo(a)anthracene	56-55-3	1	mg/kg	**2.6**		**1.4**		0.038	J	**2.5**		-	-	**2.7**		**4.5**		0.17		0.083	J	**1.2**		0.14	J	0.072	J	**1**		0.19		0.18		0.37		0.089	J	0.41	
Benzo(a)pyrene	50-32-8	22	mg/kg	2.5		1.5		0.17	U	7.8		-	-	2.8		4.1		0.18		0.091	J	1.4		0.74	U	0.07	J	0.86		0.19		0.21		0.33		0.096	J	0.43	
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	**3**		**1.7**		0.045	J	**5.2**		-	-	**3.3**		**5.3**		0.22		0.11	J	1.6		0.56	U	0.081	J	1.1		0.23		0.22		0.41		0.1	J	0.47	
Benzo(ghi)perylene	191-24-2	1000	mg/kg	1.3		0.82		0.026	J	4.6		-	-	1.6		2.3		0.12	J	0.055	J	0.8		0.74	U	0.054	J	0.51		0.11	J	0.12	J	0.16		0.059	J	0.23	
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	0.88		0.52		0.12	U	1.4		-	-	1		1.4		0.065	J	0.12	U	0.42		0.56	U	0.11	U	0.31		0.059	J	0.088	J	0.13		0.041	J	0.16	
Benzoic Acid	65-85-0	~	mg/kg	0.66	U	0.62	U	0.67	U	0.74	U	-	-	0.62	U	3	U	0.64	U	0.63	U	0.64	U	3	U	0.61	U	0.62	U	0.67	U	0.63	U	0.6	U	0.62	U	0.6	U
Benzyl Alcohol	100-51-6	~	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.19	U	0.94	U	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U
Biphenyl	92-52-4	~	mg/kg	0.061	J	0.038	J	0.47	U	0.52	U	-	-	0.049	J	**2.1**	U	0.45	U	0.44	U	0.45	U	2.1	U	0.43	U	0.44	U	0.47	U	0.44	U	0.42	U	0.44	U	0.42	U
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	0.22	U	0.2	U	0.22	U	0.25	U	-	-	0.21	U	1	U	0.21	U	0.21	U	0.21	U	1	U	0.2	U	0.21	U	0.22	U	0.21	U	0.2	U	0.21	U	0.2	U
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	0.18	U	0.17	U	0.19	U	0.2	U	-	-	0.17	U	0.84	U	0.18	U	0.17	U	0.18	U	0.84	U	0.17	U	0.17	U	0.19	U	0.18	U	0.17	U	0.17	U	0.17	U
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	0.24	U	0.23	U	0.25	U	0.27	U	-	-	0.23	U	1.1	U	0.24	U	0.23	U	0.24	U	1.1	U	0.23	U	0.23	U	0.25	U	0.23	U	0.22	U	0.23	U	0.22	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.087	J	1.6		0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U
Butyl benzyl phthalate	85-68-7	~	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.19	U	0.39	J	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U
Carbazole	86-74-8	~	mg/kg	0.4		0.18	J	0.21	U	0.054	J	-	-	0.4		0.65	J	0.026	J	0.19	U	0.16	J	0.93	U	0.19	U	0.11	J	0.21	U	0.19	U	0.094	J	0.19	U	0.035	J
Chrysene	218-01-9	1	mg/kg	**2.4**		**1.3**		0.038	J	**2.4**		-	-	**2.7**		**4.4**		0.18		0.079	J	**1.2**		0.11	J	0.073	J	0.91		0.17		0.18		0.35		0.086	J	0.4	
Di-n-butylphthalate	84-74-2	~	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.19	U	0.94	U	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U
Di-n-octylphthalate	117-84-0	~	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.19	U	0.94	U	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	0.39		0.22		0.12	U	0.53		-	-	0.35		0.55	J	0.029	J	0.12	U	0.16		0.56	U	0.11	U	0.12		0.029	J	0.032	J	0.051	J	0.11	U	0.051	J
Dibenzofuran	132-64-9	210	mg/kg	0.31		0.13	J	0.21	U	0.033	J	-	-	0.27		0.24	J	0.019	J	0.19	U	0.12	J	0.93	U	0.19	U	0.054	J	0.21	U	0.19	U	0.06	J	0.19	U	0.023	J
Diethyl phthalate	84-66-2	~	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.19	U	0.94	U	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U
Dimethyl phthalate	131-11-3	~	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.19	U	0.94	U	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U
Fluoranthene	206-44-0	1000	mg/kg	5.5		3.2		0.078	J	3		-	-	5.8		10		0.33		0.17		2.6		0.22	J	0.13		2.1		0.39		0.33		0.8		0.17		0.86	
Fluorene	86-73-7	386	mg/kg	0.45		0.13	J	0.21	U	0.074	J	-	-	0.46		0.58	J	0.03	J	0.19	U	0.18	J	0.93	U	0.19	U	0.12	J	0.034	J	0.19	U	0.11	J	0.021	J	0.05	J
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.12	U	0.11	U	0.12	U	0.14	U	-	-	0.12	U	0.56	U	0.12	U	0.12	U	0.12	U	0.56	U	0.11	U	0.12	U	0.12	U	0.12	U	0.11	U	0.11	U	0.11	U
Hexachlorobutadiene	87-68-3	~	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.19	U	0.94	U	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	0.58	U	0.54	U	0.59	U	0.65	U	-	-	0.55	U	2.7	U	0.57	U	0.56	U	0.57	U	2.6	U	0.54	U	0.55	U	0.59	U	0.56	U	0.53	U	0.55	U	0.53	U
Hexachloroethane	67-72-1	~	mg/kg	0.16	U	0.15	U	0.17	U	0.18	U	-	-	0.15	U	0.75	U	0.16	U	0.16	U	0.16	U	0.74	U	0.15	U	0.15	U	0.16	U	0.16	U	0.15	U	0.15	U	0.15	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	1.2		0.76		0.17	U	2.6		-	-	1.8		2.1		0.1	J	0.055	J	0.8		0.74	U	0.042	J	0.5		0.097	J	0.1	J	0.17		0.059	J	0.24	
Isophorone	78-59-1	~	mg/kg	0.18	U	0.17	U	0.19	U	0.2	U	-	-	0.17	U	0.84	U	0.18	U	0.17	U	0.18	U	0.84	U	0.17	U	0.17	U	0.19	U	0.18	U	0.17	U	0.17	U	0.17	U
n-Nitrosodi-n-propylamine	621-64-7	~	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.19	U	0.94	U	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U
Naphthalene	91-20-3	12	mg/kg	0.46		0.18	J	0.21	U	0.049	J	-	-	0.31		0.24	J	0.2	U	0.19	U	0.16	J	0.93	U	0.19	U	0.035	J	0.21	U	0.19	U	0.043	J	0.024	J	0.032	J
NDPA/DPA	86-30-6	~	mg/kg	0.16	U	0.15	U	0.17	U	0.18	U	-	-	0.15	U	0.75	U	0.16	U	0.16	U	0.16	U	0.74	U	0.15	U	0.15	U	0.16	U	0.16	U	0.15	U	0.15	U	0.15	U
Nitrobenzene	98-95-3	~	mg/kg	0.18	U	0.17	U	0.19	U	0.2	U	-	-	0.17	U	0.84	U	0.18	U	0.17	U	0.18	U	0.84	U	0.17	U	0.17	U	0.19	U	0.18	U	0.17	U	0.17	U	0.17	U
p-Chloro-m-cresol	59-50-7	~	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.19	U	0.94	U	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.18	U	0.19	U	0.18	U
Pentachlorophenol	87-86-5	0.8	mg/kg	0.16	U	0.15	U	0.17	U	0.18	U	-	-	0.15	U	0.75	U	0.16	U	0.16	U	0.16	U	0.74	U	0.15	U	0.15	U	0.16	U	0.16	U	0.15	U	0.15	U	0.15	U
Phenanthrene	85-01-8	1000	mg/kg	4.1		1.8		0.052	J	0.67		-	-	4.2		6.6		0.27		0.1	J	1.6		0.12	J	0.052	J	1.4		0.16		0.14		0.76		0.11		0.43	
Phenol	108-95-2	0.33	mg/kg	0.2	U	0.19	U	0.21	U	0.23	U	-	-	0.19	U	0.94	U	0.2	U	0.19	U	0.2	U	0.93	U	0.19	U	0.19	U	0.21	U	0.19	U	0.028	J	0.19	U	0.18	U
Pyrene	129-00-0	1000	mg/kg	4.6		2.8		0.072	J	9.9	E	8		5.4		8		0.3		0.15		2.4		0.19	J	0.11		1.9		0.38		0.32		0.66		0.16		0.84	
Total Metals																																					
Aluminum, Total	7429-90-5		mg/kg	-	-	-	-	642		-	-	-	-	-	-	8040		6590		-	-	5010		6700		5960		4220		7510		6000		6780		6940	
Antimony, Total	7440-36-0		mg/kg	-	-	-	-	1.44	J	-	-	-	-	-	-	0.969	J	0.375	J	-	-	0.844	J	2.25	U	2.92		1.35	J	1.23	J	1.34	J	4.57	U	4.46	U		
Arsenic, Total	7440-38-2	16	mg/kg	14.4		12.9		12.5		7.56		-	-	6.82		5.91		6.13		3.62		5.47		3.77		3.44		14.1		4.78		4.12		5.2		3.05		4.7	
Barium, Total	7440-39-3	820	mg/kg	-	-	-	-	13.9		-	-	-	-	-	-	106		32.1		-	-	45.5		32.9		222		34.1		34.9		44.1		83.3		64.8	
Beryllium, Total	7440-41-7	47	mg/kg	-	-	-	-	0.12	J	-	-	-	-	-	-	0.468	J	0.342		-	-	0.334		0.202	J	0.258		0.253		0.322		0.296		0.319	J	0.361	J
Cadmium, Total	7440-43-9	7.5	mg/kg	-	-	-	-	0.136	J	-	-	-	-	-	-	0.116	J	0.086	J	-	-	0.177	J	0.103	J	0.308	J	0.226	J	0.186	J	0.177	J	0.188	J	0.154	J
Calcium, Total	7440-70-2		mg/kg	-	-	-	-	437		-	-	-	-	-	-	2580		829		-	-	1820		1150		1840		1130		1370		5810		6160		5950	
Chromium, Total	7440-47-3		mg/kg	-	-	-	-	5.08		-	-	-	-	-	-	13.2		19.4		-	-	12.7		13.2		14.5		9.7		14.6		13.4		14.6		17	
Cobalt, Total	7440-48-4		mg/kg	-	-	-	-	2.26		-	-	-	-	-	-	6.57		8.97		-	-	8.37		5.59		5.38		4.52		7.53		6.48		5.74		6.21	
Copper, Total	7440-50-8	1720	mg/kg	-	-	-	-	73.5		-	-	-	-	-	-	24.8		19.4		-	-	48		21.5		121		22.5		18.2		31.2		55.4		22.8	
Iron, Total	7439-89-6		mg/kg	-	-	-	-	5780		-	-	-	-	-	-	13800		11000		-	-	10200		11100		14500		9110		13000		11800		13000		13400	
Lead, Total	7439-92-1	450	mg/kg	-	-	-	-	31.4		-	-	-	-	-	-	59.4		23.9		-	-	74.9		34.4		**1410**		88.8		52.7		205		203		82	
Magnesium, Total	7439-95-4		mg/kg	-	-	-	-	75.1		-	-	-	-	-	-	1930		2680		-	-	2200		2540		1570		1590		2450		2270		2440		3710	
Manganese, Total	7439-96-5	2000	mg/kg	-	-	-	-	35.9		-	-	-	-	-	-	304		82.7		-	-	280		94.7		274		57.8		185		163		142		244	
Mercury, Total	7439-97-6	0.73	mg/kg	-	-	-	-	0.071	J	-	-	-	-	-	-	0.422		0.08		-	-	0.211		0.176		**1.13**		0.376		0.436		0.373		0.558		0.122	
Nickel, Total	7440-02-0	130	mg/kg	-	-	-	-	7.57		-	-	-	-	-	-	18.8		57		-	-	35		23.4		18.8		12.4		27		28.6		26.4		22.6	
Potassium, Total	7440-09-7		mg/kg	-	-	-	-	147		-	-	-	-	-	-	576		1160		-	-	781		914		565		418		667		620		992		979	
Selenium, Total	7782-49-2	4	mg/kg	-	-	-	-	0.726	J	-	-	-	-	-	-	0.263	J	0.169	J	-	-	0.879	U	0.486	J	1.38		0.694	J	0.137	J	0.569	J	1.83	U	1.78	U		
Silver, Total	7440-22-4	8.3	mg/kg	-	-	-	-	0.246	U	-	-	-	-	-	-	0.476	U	0.221	U	-	-	0.22	U	0.225	U	0.396		0.24	U	0.23	U	0.216	U	0.457	U	0.446	U		
Sodium, Total	7440-23-5		mg/kg	-	-	-	-	111		-	-	-	-	-	-	75.4	J	128		-	-	283		190		178		67.3	J	131		186		206		192			
Thallium, Total	7440-28-0		mg/kg	-	-	-	-	0.984	U	-	-	-	-	-	-	0.467	J	0.886	U	-	-	0.216	J	0.901	U	0.901	U	0.961	U	0.302	J	0.298	J	1.83	U	1.78	U		
Vanadium, Total	7440-62-2		mg/kg	-	-	-	-	9.56		-	-	-	-	-	-	19		20.3		-	-	17.5		19.6		15.4		17.7		21.2		19.7		18.8		22.8	
Zinc, Total	7440-66-6	2480	mg/kg	-	-	-	-	75.5		-	-	-	-	-	-	81.2		52.5		-	-	66.5		70		213		110		44.2		62.7		88.1		55.4	
Volatile Organics by EPA 5035																																					
1,1,1,2-Tetrachloroethane	630-20-6		mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	0.006	U	0.0005	U	-	-	0.00051	U	0.00046	U	0.00049	U	0.00058	U	0.00071	U	0.00059	U	0.00064	U	0.00061	U		
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	0.0012	U	0.0005	U	-	-	0.00051	U	0.00046	U	0.00049	U	0.00058	U	0.00071	U	0.00059	U	0.00064	U	0.00061	U		
1,1,2,2-Tetrachloroethane	79-34-5		mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	0.0018	U	0.0005	U	-	-	0.00051	U	0.00046	U	0.00049	U	0.00058	U	0.00071	U	0.00059	U	0.00064	U	0.00061	U		
1,1,2-Trichloroethane	79-00-5		mg/kg	-	-	-	-	0.0023	U	-	-	-	-	-	-	0.0012	U	0.00099	U	-	-	0.001	U	0.00093	U	0.00098	U	0.0012	U	0.0014	U	0.0012	U	0.0013	U	0.0012	U		
1,1-Dichloroethane	75-34-3	0.27	mg/kg	-	-	-	-	0.0023	U	-	-	-	-	-	-	0.0012	U	0.00099	U	-	-	0.001	U	0.00093	U	0.00098	U	0.0012	U	0.0014	U	0.0012	U	0.0013	U	0.0012	U		
1,1-Dichloroethene	75-35-4	0.33	mg/kg	-	-	-	-	0.0023	U	-	-	-	-	-	-	0.0012	U	0.00099	U	-	-	0.001	U	0.00093	U	0.00098	U	0.0012	U	0.0014	U	0.0012	U	0.0013	U	0.0012	U		
1,1-Dichloropropene	563-58-6		mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	0.0012	U	0.0005	U	-	-	0.00051	U	0.00046	U	0.00049	U	0.00058	U	0.00071	U	0.00059	U	0.00064	U	0.00061	U		
1,2,3-Trichlorobenzene	87-61-6		mg/kg	-	-	-	-	0.0046	U	-	-	-	-	-	-	0.0006	U	0.002	U	-	-	0.002	U	0.0018	U	0.002	U	0.0023	U	0.0028	U	0.0024	U	0.0026	U	0.0024	U		
1,2,3-Trichloropropane	96-18-4		mg/kg	-	-	-	-	0.0046	U	-	-	-	-	-	-	0.0006	U	0.002	U	-	-	0.002	U	0.0018	U	0.002	U	0.0023	U	0.0028	U	0.0024	U	0.0026	U	0.0024	U		
1,2,4,5-Tetramethylbenzene	95-93-2		mg/kg	-	-	-	-	0.0046	U	-	-	-	-	-	-	0.0048	U	0.0041		-	-	0.002	U	0.0018	U	0.002	U	0.0011	J	0.0012	J	0.0024	U	0.0026	U	0.0024	U		
1,2,4-Trichlorobenzene	120-82-1		mg/kg	-	-	-	-	0.0046	U	-	-	-	-	-	-	0.0012	U	0.002	U	-	-	0.002	U	0.0018	U	0.002	U	0.0023	U	0.0028	U	0.0024	U	0.0026	U	0.0024	U		
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	-	-	-	-	0.0046	U	-	-	-	-	-	-	0.0006	U	0.00058	J	-	-	0.002	U	0.0018	U	0.002	U	0.0023	U	0.0028	U	0.0024	U	0.0026	U	0.0024	U		
1,2-Dibromo-3-chloropropane	96-12-8		mg/kg	-	-	-	-	0.0069	U	-	-	-	-	-	-	0.0006	U	0.003	U	-	-	0.0031	U	0.0028	U	0.003	U	0.0035	U	0.0043	U	0.0036	U	0.0039	U	0.0036	U		
1,2-Dibromoethane	106-93-4		mg/kg	-	-	-	-	0.0023	U	-	-	-	-	-	-	0.0012	U	0.00099	U	-	-	0.001	U	0.00093	U	0.00098	U	0.0012	U	0.0014	U	0.0012	U	0.0013	U	0.0012	U		

Table 3.3
Endpoint Analytical Data (6 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-81-013024		EP-82-013024		EP-83-011824		EP-84-011824		EP-84-011824		EP-87 012424		EP-88 012324		EP-91-02-02-24		EP-92 012424		EP-93 012424		EP-94 012424		EP-95-012924		EP-96-012924		EP-98-011824		EP-99-011824		EP-100-011824		EP-101-012224		EP-102-012224	
SAMPLING DATE				1/30/2024		1/30/2024		1/18/2024		1/18/2024		1/18/2024		1/24/2024		1/23/2024		2/2/2024		1/24/2024		1/24/2024		1/24/2024		1/29/2024		1/29/2024		1/18/2024		1/18/2024		1/18/2024		1/22/2024		1/22/2024	
LAB SAMPLE ID				L2405077-04		L2405077-05		L2403041-04		L2403041-05		L2403041-05 R1		L2404098-01		L2403798-09		L2405955-02		L2404098-04		L2404098-05		L2404098-07		L2404855-07		L2404855-08		L2403041-02		L2403041-03		L2403041-06		L2403572-04		L2403572-03	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	-	-	0.0046	U	-	-	-	-	-	-	-	-	0.0006	U	0.002	U	-	-	0.002	U	0.0018	U	0.002	U	0.0023	U	0.0028	U	0.0024	U	0.0026	U	0.0024	U
1,2-Dichloroethane	107-06-2	0.02	mg/kg	-	-	-	-	0.0023	U	-	-	-	-	-	-	-	-	0.0006	U	0.00099	U	-	-	0.001	U	0.00093	U	0.00098	U	0.0012	U	0.0014	U	0.0012	U	0.0013	U	0.0012	U
1,2-Dichloroethene, Total	540-59-0		mg/kg	-	-	-	-	0.0023	U	-	-	-	-	-	-	-	-	0.0006	U	0.00099	U	-	-	0.001	U	0.00093	U	0.00098	U	0.0012	U	0.0014	U	0.0012	U	0.0013	U	0.0012	U
1,2-Dichloropropane	78-87-5		mg/kg	-	-	-	-	0.0023	U	-	-	-	-	-	-	-	-	0.0048	U	0.00099	U	-	-	0.001	U	0.00093	U	0.00098	U	0.0012	U	0.0014	U	0.0012	U	0.0013	U	0.0012	U
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	-	-	-	-	0.0046	U	-	-	-	-	-	-	-	-	0.0006	U	0.00026	J	-	-	0.002	U	0.0018	U	0.002	U	0.0023	U	0.0028	U	0.0024	U	0.0026	U	0.0024	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	-	-	0.0046	U	-	-	-	-	-	-	-	-	0.0006	U	0.002	U	-	-	0.002	U	0.0018	U	0.002	U	0.0023	U	0.0028	U	0.0024	U	0.0026	U	0.0024	U
1,3-Dichloropropane	142-28-9		mg/kg	-	-	-	-	0.0046	U	-	-	-	-	-	-	-	-	0.0012	U	0.002	U	-	-	0.002	U	0.0018	U	0.002	U	0.0023	U	0.0028	U	0.0024	U	0.0026	U	0.0024	U
1,3-Dichloropropene, Total	542-75-6		mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	-	-	0.0012	U	0.0005	U	-	-	0.00051	U	0.00046	U	0.00049	U	0.00058	U	0.00071	U	0.00059	U	0.00064	U	0.00061	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	-	-	0.0046	U	-	-	-	-	-	-	-	-	0.0048	U	0.002	U	-	-	0.002	U	0.0018	U	0.002	U	0.0023	U	0.0028	U	0.0024	U	0.0026	U	0.0024	U
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	-	-	0.18	U	-	-	-	-	-	-	-	-	0.0024	U	0.08	U	-	-	0.082	U	0.074	U	0.079	U	0.093	U	0.11	U	0.095	U	0.1	U	0.097	U
2,2-Dichloropropane	594-20-7		mg/kg	-	-	-	-	0.0046	U	-	-	-	-	-	-	-	-	0.0012	U	0.002	U	-	-	0.002	U	0.0018	U	0.002	U	0.0023	U	0.0028	U	0.0024	U	0.0026	U	0.0024	U
2-Butanone	78-93-3	0.12	mg/kg	-	-	-	-	0.023	U	-	-	-	-	-	-	-	-	0.0024	U	0.0099	U	-	-	0.01	U	0.0093	U	0.0098	U	0.012	U	0.0036	J	0.0038	J	0.013	U	0.012	U
2-Hexanone	591-78-6		mg/kg	-	-	-	-	0.023	U	-	-	-	-	-	-	-	-	0.0012	U	0.0099	U	-	-	0.01	U	0.0093	U	0.0098	U	0.012	U	0.014	U	0.012	U	0.013	U	0.012	U
4-Methyl-2-pentanone	108-10-1		mg/kg	-	-	-	-	0.023	U	-	-	-	-	-	-	-	-	0.0018	U	0.0099	U	-	-	0.01	U	0.0093	U	0.0098	U	0.012	U	0.014	U	0.012	U	0.013	U	0.012	U
Acetone	67-64-1	0.05	mg/kg	-	-	-	-	0.023	U	-	-	-	-	-	-	-	-	0.0006	U	0.015		-	-	0.01	U	0.0093	U	0.0098	U	0.012	U	0.023		0.032		0.018		0.015	
Acrylonitrile	107-13-1		mg/kg	-	-	-	-	0.0092	U	-	-	-	-	-	-	-	-	0.0024	U	0.004	U	-	-	0.0041	U	0.0037	U	0.0039	U	0.0046	U	0.0057	U	0.0048	U	0.0052	U	0.0049	U
Benzene	71-43-2	0.06	mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	-	-	0.0024	U	0.0005	U	-	-	0.00051	U	0.00046	U	0.00049	U	0.00058	U	0.00071	U	0.00059	U	0.00064	U	0.00061	U
Bromobenzene	108-86-1		mg/kg	-	-	-	-	0.0046	U	-	-	-	-	-	-	-	-	0.0024	U	0.002	U	-	-	0.002	U	0.0018	U	0.002	U	0.0023	U	0.0028	U	0.0024	U	0.0026	U	0.0024	U
Bromochloromethane	74-97-5		mg/kg	-	-	-	-	0.0046	U	-	-	-	-	-	-	-	-	0.0024	U	0.002	U	-	-	0.002	U	0.0018	U	0.002	U	0.0023	U	0.0028	U	0.0024	U	0.0026	U	0.0024	U
Bromodichloromethane	75-27-4		mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	-	-	0.0024	U	0.0005	U	-	-	0.00051	U	0.00046	U	0.00049	U	0.00058	U	0.00071	U	0.00059	U	0.00064	U	0.00061	U
Bromoform	75-25-2		mg/kg	-	-	-	-	0.0092	U	-	-	-	-	-	-	-	-	0.0012	U	0.004	U	-	-	0.0041	U	0.0037	U	0.0039	U	0.0046	U	0.0057	U	0.0048	U	0.0052	U	0.0049	U
Bromomethane	74-83-9		mg/kg	-	-	-	-	0.0046	U	-	-	-	-	-	-	-	-	0.0012	U	0.002	U	-	-	0.002	U	0.0018	U	0.002	U	0.0023	U	0.0028	U	0.0024	U	0.0026	U	0.0024	U
Carbon disulfide	75-15-0		mg/kg	-	-	-	-	0.023	U	-	-	-	-	-	-	-	-	0.0012	U	0.0099	U	-	-	0.01	U	0.0093	U	0.0098	U	0.012	U	0.014	U	0.012	U	0.013	U	0.012	U
Carbon tetrachloride	56-23-5	0.76	mg/kg	-	-	-	-	0.0023	U	-	-	-	-	-	-	-	-	0.0012	U	0.00099	U	-	-	0.001	U	0.00093	U	0.00098	U	0.0012	U	0.0014	U	0.0012	U	0.0013	U	0.0012	U
Chlorobenzene	108-90-7	1.1	mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	-	-	0.0024	U	0.0005	U	-	-	0.00051	U	0.00046	U	0.00049	U	0.00058	U	0.00071	U	0.00059	U	0.00064	U	0.00061	U
Chloroethane	75-00-3		mg/kg	-	-	-	-	0.0046	U	-	-	-	-	-	-	-	-	0.0012	U	0.002	U	-	-	0.002	U	0.0018	U	0.002	U	0.0023	U	0.0028	U	0.0024	U	0.0026	U	0.0024	U
Chloroform	67-66-3	0.37	mg/kg	-	-	-	-	0.0034	U	-	-	-	-	-	-	-	-	0.012	U	0.0015	U	-	-	0.0015	U	0.0014	U	0.0015	U	0.0017	U	0.0021	U	0.0018	U	0.0019	U	0.0018	U
Chloromethane	74-87-3		mg/kg	-	-	-	-	0.0092	U	-	-	-	-	-	-	-	-	0.012	U	0.004	U	-	-	0.0041	U	0.0037	U	0.0039	U	0.0046	U	0.0057	U	0.0048	U	0.0052	U	0.0049	U
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	-	-	-	-	0.0023	U	-	-	-	-	-	-	-	-	0.012	U	0.00099	U	-	-	0.001	U	0.00093	U	0.00098	U	0.0012	U	0.0014	U	0.0012	U	0.0013	U	0.0012	U
cis-1,3-Dichloropropene	10061-01-5		mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	-	-	0.012	U	0.0005	U	-	-	0.00051	U	0.00046	U	0.00049	U	0.00058	U	0.00071	U	0.00059	U	0.00064	U	0.00061	U
Dibromochloromethane	124-48-1		mg/kg	-	-	-	-	0.0023	U	-	-	-	-	-	-	-	-	0.012	U	0.00099	U	-	-	0.001	U	0.00093	U	0.00098	U	0.0012	U	0.0014	U	0.0012	U	0.0013	U	0.0012	U
Dibromomethane	74-95-3		mg/kg	-	-	-	-	0.0046	U	-	-	-	-	-	-	-	-	0.012	U	0.002	U	-	-	0.002	U	0.0018	U	0.002	U	0.0023	U	0.0028	U	0.0024	U	0.0026	U	0.0024	U
Dichlorodifluoromethane	75-71-8		mg/kg	-	-	-	-	0.023	U	-	-	-	-	-	-	-	-	0.0024	U	0.0099	U	-	-	0.01	U	0.0093	U	0.0098	U	0.012	U	0.014	U	0.012	U	0.013	U	0.012	U
Ethyl ether	60-29-7		mg/kg	-	-	-	-	0.0046	U	-	-	-	-	-	-	-	-	0.012	U	0.002	U	-	-	0.002	U	0.0018	U	0.002	U	0.0023	U	0.0028	U	0.0024	U	0.0026	U	0.0024	U
Ethylbenzene	100-41-4	1	mg/kg	-	-	-	-	0.0023	U	-	-	-	-	-	-	-	-	0.0024	U	0.00014	J	-	-	0.001	U	0.00093	U	0.00098	U	0.0012	U	0.0014	U	0.0012	U	0.0013	U	0.0012	U
Hexachlorobutadiene	87-68-3		mg/kg	-	-	-	-	0.0092	U	-	-	-	-	-	-	-	-	0.0024	U	0.004	U	-	-	0.0041	U	0.0037	U	0.0039	U	0.0046	U	0.0057	U	0.0048	U	0.0052	U	0.0049	U
Isopropylbenzene	98-82-8		mg/kg	-	-	-	-	0.0023	U	-	-	-	-	-	-	-	-	0.0012	U	0.00032	J	-	-	0.001	U	0.00093	U	0.00098	U	0.00071	J	0.0009	J	0.0012	U	0.0013	U	0.0012	U
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	-	-	-	-	0.0046	U	-	-	-	-	-	-	-	-	0.0024	U	0.002	U	-	-	0.002	U	0.0018	U	0.002	U	0.0023	U	0.0028	U	0.0024	U	0.0026	U	0.0024	U
Methylene chloride	75-09-2	0.05	mg/kg	-	-	-	-	0.011	U	-	-	-	-	-	-	-	-	0.0006	U	0.005	U	-	-	0.0051	U	0.0046	U	0.0049	U	0.0058	U	0.0071	U	0.0059	U	0.0064	U	0.0061	U
n-Butylbenzene	104-51-8	12	mg/kg	-	-	-	-	0.0023	U	-	-	-	-	-	-	-	-	0.0024	U	0.00096	J	-	-	0.001	U	0.00093	U	0.00098	U	0.0012	U	0.00062	J	0.0012	U	0.0013	U	0.0012	U
n-Propylbenzene	103-65-1	3.9	mg/kg	-	-	-	-	0.0023	U	-	-	-	-	-	-	-	-	0.0012	U	0.00063	J	-	-	0.001	U	0.00093	U	0.00098	U	0.0012	U	0.0014	U	0.0012	U	0.0013	U	0.0012	U
Naphthalene	91-20-3	12	mg/kg	-	-	-	-	0.0092	U	-	-	-	-	-	-	-	-	0.0012	U	0.00069	J	-	-	0.0041	U	0.0037	U	0.0039	U	0.0046	U	0.0042	J	0.0048	U	0.0015	J	0.0049	U
o-Chlorotoluene	95-49-8		mg/kg	-	-	-	-	0.0046	U	-	-	-	-	-	-	-	-	0.0024	U	0.002	U	-	-	0.002	U	0.0018	U	0.002	U	0.0023	U	0.0028	U	0.0024	U	0.0026	U	0.0024	U
o-Xylene	95-47-6		mg/kg	-	-	-	-	0.0023	U	-	-	-	-	-	-	-	-	0.0024	U	0.00099	U	-	-	0.001	U	0.00053	J	0.00098	U	0.00071	J	0.00092	J	0.00072	J	0.0013	U	0.0012	U
p-Chlorotoluene	106-43-4		mg/kg	-	-	-	-	0.0046	U	-	-	-	-	-	-	-	-	0.0024	U	0.002	U	-	-	0.002	U	0.0018	U	0.002	U	0.0023	U	0.0028	U	0.0024	U	0.0026	U	0.0024	U
p-Diethylbenzene	105-05-5		mg/kg	-	-	-	-	0.0046	U	-	-	-	-	-	-	-	-	0.0036	U	0.00068	J	-	-	0.002	U	0.0018	U	0.002	U	0.0023	U	0.0028	U	0.0024	U	0.0026	U	0.0024	U
p-Ethyltoluene	622-96-8		mg/kg	-	-	-	-	0.0046	U	-	-	-	-	-	-	-	-	0.0048	U	0.002	U	-	-	0.002	U	0.0018	U	0.002	U	0.0023	U	0.0028	U	0.0024	U	0.0026	U	0.0024	U
p-Isopropyltoluene	99-87-6		mg/kg	-	-	-	-	0.0023	U	-	-	-	-	-	-	-	-	0.0012	U	0.00015	J	-	-	0.001	U	0.00093	U	0.00098	U	0.00064	J	0.00082	J	0.0012	U	0.0013	U	0.0012	U
p/m-Xylene	179601-23-1		mg/kg	-	-	-	-	0.0015	J	-	-	-	-	-	-	-	-	0.0012	U	0.002	U	-	-	0.002	U	0.0018	U	0.002	U	0.00083	J	0.001	J	0.00082	J	0.0026	U	0.0024	U
sec-Butylbenzene	135-98-8	11	mg/kg	-	-	-	-	0.0023	U	-	-	-	-	-	-	-	-	0.0048	U	0.00051	J	-	-	0.001	U	0.00093	U	0.00098	U	0.00066	J	0.00075	J	0.0012	U	0.0013	U	0.0012	U
Styrene	100-42-5		mg/kg	-	-	-	-	0.0023	U	-	-	-	-	-	-	-	-	0.0048	U	0.00099	U	-	-	0.001	U	0.00093	U	0.00098	U	0.0012	U	0.0014	U	0.0012	U	0.0013	U	0.0012	U
tert-Butylbenzene	98-06-6	5.9	mg/kg	-	-	-	-	0.0046	U	-	-	-	-	-	-	-	-	0.0012	U	0.002	U	-	-	0.002	U	0.0018	U	0.002	U	0.0023	U	0.0028	U	0.0024	U	0.0026	U	0.0024	U
Tetrachloroethene	127-18-4	1.3	mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	-	-	0.0024	U	0.0005	U	-	-	0.00051	U	0.00046	U	0.00049	U	0.00058	U	0.00071	U	0.00059	U	0.00064	U	0.00061	U
Toluene	108-88-3	0.7	mg/kg	-	-	-	-	0.0023	U	-	-	-	-	-	-	-	-	0.0024	U	0.00099	U	-	-	0.001	U	0.00093	U	0.00098	U	0.0012	U	0.0014	U	0.0012	U	0.0013	U	0.0012	U
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	-	-	-	-	0.0034	U	-	-	-	-	-	-	-	-	0.0024	U	0.0015	U	-	-	0.0015	U	0.0014	U	0.0015	U	0.0017	U	0.0021	U	0.0018	U	0.0019	U	0.0018	U
trans-1,3-Dichloropropene	10061-02-6		mg/kg	-	-	-	-	0.0023	U	-	-	-	-	-	-	-	-	0.0024	U	0.00099	U	-	-	0.001	U	0.00093	U	0.00098	U	0.0012	U	0.0014	U	0.0012	U	0.0013	U	0.0012	U
trans-1,4-Dichloro-2-butene	110-57-6		mg/kg	-	-	-	-	0.011	U	-	-	-	-	-	-	-	-	0.095	U	0.005	U	-	-	0.0051	U	0.0046	U	0.0049	U	0.0058	U	0.0071	U	0.0059	U	0.0064	U	0.0061	U
Trichloroethene	79-01-6	0.47	mg/kg	-	-	-	-	0.0011	U	-	-	-	-	-	-	-	-	0.0024	U	0.0005	U	-	-	0.00051	U	0.00059		0.0035		0.00061		0.00071	U	0.00059	U	0.00064	U	0.00061	U
Trichlorofluoromethane	75-69-4		mg/kg	-	-	-	-	0.0092	U	-	-	-	-	-	-	-	-	0.0024	U	0.004	U	-	-	0.0041	U	0.0037	U	0.0039	U	0.0046	U	0.0057	U	0.0048	U	0.0052	U	0.0049	U
Vinyl acetate	108-05-4		mg/kg	-	-	-	-	0.023	U	-	-	-	-	-	-	-	-	0.0024	U	0.0099	U	-	-	0.01	U	0.0093	U	0.0098	U	0.012	U	0.014	U	0.012	U	0.013	U	0.012	U
Vinyl chloride	75-01-4	0.02	mg/kg	-	-	-	-	0.0023	U	-	-	-	-	-	-	-	-	0.0024	U	0.00099	U	-	-	0.001	U	0.00093	U	0.00098	U	0.0012	U	0.0014	U	0.0012	U	0.0013	U	0.0012	U
Xylenes, Total	1330-20-7	1.6	mg/kg	-	-	-	-	0.0015	J	-	-	-	-	-	-	-	-	0.006	U	0.00099	U	-	-	0.001	U	0.00053	J	0.00098	U	0.0015	J	0.0019	J	0.0015	J	0.0013	U	0.0012	U

* Comparison is not performed on parameters with non-numeric criteria.
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Crite

Table 3.3
Endpoint Analytical Data (6 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-103-012224		EP-103-012224		EP-105-012924		EP-107 012424		EP-108-013024		EP-110-011824		EP-113-012224	
SAMPLING DATE				1/22/2024		1/22/2024		1/29/2024		1/24/2024		1/30/2024		1/18/2024		1/22/2024	
LAB SAMPLE ID				L2403572-02		L2403572-02 R1		L2405077-01		L2404098-06		L2405077-16		L2403041-01		L2403572-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																	
Chromium, Hexavalent	18540-29-9	19	mg/kg	0.907	U	-	-	0.282	J	0.894	U	0.936	U	0.2	J	0.889	U
Cyanide, Total	57-12-5	40	mg/kg	-	-	-	-	1.1	U	1	U	1.1	U	1	U	-	-
Solids, Total	NONE	~	%	88.2		-	-	81.7		89.5		85.5		89.8		90	
Organochlorine Pesticides by GC																	
4,4'-DDD	72-54-8	14	mg/kg	-	-	-	-	0.00185	U	0.00178	U	0.00179	U	0.00177	U	-	-
4,4'-DDE	72-55-9	17	mg/kg	-	-	-	-	0.00185	U	0.00178	U	0.00179	U	0.00177	U	-	-
4,4'-DDT	50-29-3	136	mg/kg	-	-	-	-	0.00185	U	0.00178	U	0.00179	U	0.00177	U	-	-
Aldrin	309-00-2	0.19	mg/kg	-	-	-	-	0.00185	U	0.00178	U	0.00179	U	0.00177	U	-	-
Alpha-BHC	319-84-6	0.02	mg/kg	-	-	-	-	0.000773	U	0.00074	U	0.000745	U	0.000738	U	-	-
Beta-BHC	319-85-7	0.09	mg/kg	-	-	-	-	0.00185	U	0.00178	U	0.00179	U	0.00177	U	-	-
Chlordane	57-74-9		mg/kg	-	-	-	-	0.0154	U	0.0148	U	0.0149	U	0.0148	U	-	-
cis-Chlordane	5103-71-9	2.9	mg/kg	-	-	-	-	0.00232	U	0.00222	U	0.00224	U	0.00222	U	-	-
Delta-BHC	319-86-8	0.25	mg/kg	-	-	-	-	0.00185	U	0.00178	U	0.00179	U	0.00177	U	-	-
Dieldrin	60-57-1	0.1	mg/kg	-	-	-	-	0.00116	U	0.00111	U	0.00112	U	0.00111	U	-	-
Endosulfan I	959-98-8	102	mg/kg	-	-	-	-	0.00185	U	0.00178	U	0.00179	U	0.00177	U	-	-
Endosulfan II	33213-65-9	102	mg/kg	-	-	-	-	0.00185	U	0.00178	U	0.00179	U	0.00177	U	-	-
Endosulfan sulfate	1031-07-8	1000	mg/kg	-	-	-	-	0.000773	U	0.00074	U	0.000745	U	0.000738	U	-	-
Endrin	72-20-8	0.06	mg/kg	-	-	-	-	0.000773	U	0.00074	U	0.000745	U	0.000738	U	-	-
Endrin aldehyde	7421-93-4	~	mg/kg	-	-	-	-	0.00232	U	0.00222	U	0.00224	U	0.00222	U	-	-
Endrin ketone	53494-70-5	~	mg/kg	-	-	-	-	0.00185	U	0.00178	U	0.00179	U	0.00177	U	-	-
Heptachlor	76-44-8	0.38	mg/kg	-	-	-	-	0.000927	U	0.000888	U	0.000894	U	0.000886	U	-	-
Heptachlor epoxide	1024-57-3	~	mg/kg	-	-	-	-	0.00348	U	0.00333	U	0.00335	U	0.00332	U	-	-
Lindane	58-89-9	0.1	mg/kg	-	-	-	-	0.000773	U	0.00074	U	0.000745	U	0.000738	U	-	-
Methoxychlor	72-43-5	~	mg/kg	-	-	-	-	0.00348	U	0.00333	U	0.00335	U	0.00332	U	-	-
Toxaphene	8001-35-2	~	mg/kg	-	-	-	-	0.0348	U	0.0333	U	0.0335	U	0.0332	U	-	-
trans-Chlordane	5103-74-2	~	mg/kg	-	-	-	-	0.00232	U	0.00222	U	0.00224	U	0.00222	U	-	-
Perfluorinated Alkyl Acids by EPA 1633																	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	~	mg/kg	-	-	-	-	0.000767	U	0.000758	U	0.000789	U	0.000791	U	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	~	mg/kg	-	-	-	-	0.000384	U	0.000758	U	0.000394	U	0.000791	U	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtF	2991-50-6	~	mg/kg	-	-	-	-	0.000192	U	0.000189	U	0.000197	U	0.000198	U	-	-
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NM	2355-31-9	~	mg/kg	-	-	-	-	0.000192	U	0.000189	U	0.000197	U	0.000198	U	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	-	-	-	-	0.000029	J	0.000189	U	0.000197	U	0.000198	U	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	-	-	-	-	0.000192	U	0.000758	U	0.000197	U	0.000791	U	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	-	-	-	-	0.000121	J	0.000189	U	0.000197	U	0.000198	U	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	-	-	-	-	0.000767	U	0.000189	U	0.000789	U	0.000198	U	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	-	-	-	-	0.000192	U	0.000189	U	0.000197	U	0.000198	U	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	-	-	-	-	0.000192	U	0.000189	U	0.000197	U	0.000198	U	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	-	-	-	-	0.000192	U	0.000189	U	0.000197	U	0.000198	U	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	-	-	-	-	0.000192	U	0.000189	U	0.000197	U	0.000198	U	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	-	-	-	-	0.000767	U	0.000189	U	0.000789	U	0.000198	U	-	-
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	-	-	-	-	0.000192	U	0.000189	U	0.000197	U	0.000198	U	-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	-	-	-	-	0.000192	U	0.000189	U	0.000197	U	0.000198	U	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	-	-	-	-	0.000192	U	0.000108	J	0.000197	U	0.000242		-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	-	-	-	-	0.000192	U	0.000115	J	0.000197	U	0.000068	J	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	-	-	-	-	0.000192	U	0.000379	U	0.000197	U	0.000396	U	-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	-	-	-	-	0.000192	U	0.000189	U	0.000197	U	0.000198	U	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	-	-	-	-	0.000192	U	0.000189	U	0.000197	U	0.000198	U	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	-	-	-	-	0.000192	U	0.000189	U	0.000197	U	0.000198	U	-	-
PFOA/PFOS, Total	null	~	mg/kg	-	-	-	-	0.000121	J	0.000223	J	0.000197	U	0.00031	J	-	-
Polychlorinated Biphenyls by GC																	
Aroclor 1016	12674-11-2	3.2	mg/kg	-	-	-	-	0.0566	U	0.052	U	0.0563	U	0.0529	U	-	-
Aroclor 1221	11104-28-2	3.2	mg/kg	-	-	-	-	0.0566	U	0.052	U	0.0563	U	0.0529	U	-	-
Aroclor 1232	11141-16-5	3.2	mg/kg	-	-	-	-	0.0566	U	0.052	U	0.0563	U	0.0529	U	-	-
Aroclor 1242	53469-21-9	3.2	mg/kg	-	-	-	-	0.0566	U	0.052	U	0.0563	U	0.0529	U	-	-
Aroclor 1248	12672-29-6	3.2	mg/kg	-	-	-	-	0.0566	U	0.052	U	0.0563	U	0.0529	U	-	-
Aroclor 1254	11097-69-1	3.2	mg/kg	-	-	-	-	0.0566	U	0.052	U	0.0563	U	0.0529	U	-	-
Aroclor 1260	11096-82-5	3.2	mg/kg	-	-	-	-	0.0566	U	0.052	U	0.0563	U	0.0529	U	-	-
Aroclor 1262	37324-23-5	3.2	mg/kg	-	-	-	-	0.0566	U	0.052	U	0.0563	U	0.0529	U	-	-
Aroclor 1268	11100-14-4	3.2	mg/kg	-	-	-	-	0.0566	U	0.052	U	0.0563	U	0.0529	U	-	-
PCBs, Total	1336-36-3	3.2	mg/kg	-	-	-	-	0.0566	U	0.052	U	0.0563	U	0.0529	U	-	-
Semivolatile Organics by GC/MS																	
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	0.19	U	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.19	U	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.19	U	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.19	U	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.19	U	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.028	U	-	-	0.03	U	0.027	U	0.029	U	0.027	U	0.028	U
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	0.19	U	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	0.11	U	-	-	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U
2,4-Dichlorophenol	120-83-2	~	mg/kg	0.17	U	-	-	0.18	U	0.16	U	0.17	U	0.16	U	0.16	U
2,4-Dimethylphenol	105-67-9	~	mg/kg	0.19	U	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
2,4-Dinitrophenol	51-28-5	~	mg/kg	0.9	U	-	-	0.97	U	0.87	U	0.92	U	0.87	U	0.88	U
2,4-Dinitrotoluene	121-14-2	~	mg/kg	0.19	U	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
2,6-Dinitrotoluene	606-20-2	~	mg/kg	0.19	U	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
2-Chloronaphthalene	91-58-7	~	mg/kg	0.19	U	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
2-Chlorophenol	95-57-8	~	mg/kg	0.19	U	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
2-Methylnaphthalene	91-57-6	~	mg/kg	0.2	J	-	-	0.24	U	0.22	U	0.23	U	0.22	U	0.089	J
2-Methylphenol	95-48-7	0.33	mg/kg	0.19	U	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
2-Nitroaniline	88-74-4	~	mg/kg	0.19	U	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
2-Nitrophenol	88-75-5	~	mg/kg	0.4	U	-	-	0.44	U	0.39	U	0.41	U	0.39	U	0.4	U
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	0.19	U	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44	0.33	mg/kg	0.068	J	-	-	0.29	U	0.26	U	0.28	U	0.26	U	0.26	U
3-Nitroaniline	99-09-2	~	mg/kg	0.19	U	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	0.49	U	-	-	0.53	U	0.47	U	0.5	U	0.47	U	0.48	U
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	0.19	U	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U

Table 3.3
Endpoint Analytical Data (6 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-103-012224		EP-103-012224		EP-105-012924		EP-107 012424		EP-108-013024		EP-110-011824		EP-113-012224	
SAMPLING DATE				1/22/2024		1/22/2024		1/29/2024		1/24/2024		1/30/2024		1/18/2024		1/22/2024	
LAB SAMPLE ID				L2403572-02		L2403572-02 R1		L2405077-01		L2404098-06		L2405077-16		L2403041-01		L2403572-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
4-Chloroaniline	106-47-8	~	mg/kg	0.19	U	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	0.19	U	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
4-Nitroaniline	100-01-6	~	mg/kg	0.19	U	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
4-Nitrophenol	100-02-7	~	mg/kg	0.26	U	-	-	0.28	U	0.26	U	0.27	U	0.25	U	0.26	U
Acenaphthene	83-32-9	98	mg/kg	0.44		-	-	0.16	U	0.14	U	0.15	U	0.14	U	0.29	
Acenaphthylene	208-96-8	107	mg/kg	0.51		-	-	0.16	U	0.14	U	0.051	J	0.14	U	0.14	J
Acetophenone	98-86-2	~	mg/kg	0.054	J	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
Anthracene	120-12-7	1000	mg/kg	2.3		-	-	0.12	U	0.11	U	0.051	J	0.11	U	0.64	
Benzo(a)anthracene	56-55-3	1	mg/kg	**5.3**		-	-	0.027	J	0.11	U	0.18		0.093	J	**1.5**	
Benzo(a)pyrene	50-32-8	22	mg/kg	5.1		-	-	0.16	U	0.14	U	0.21		0.11	J	1.6	
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	**6.2**		-	-	0.042	J	0.11	U	0.27		0.12		**1.8**	
Benzo(ghi)perylene	191-24-2	1000	mg/kg	2.6		-	-	0.027	J	0.14	U	0.11	J	0.061	J	0.85	
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	1.3		-	-	0.12	U	0.11	U	0.087	J	0.039	J	0.64	
Benzoic Acid	65-85-0	~	mg/kg	0.61	U	-	-	0.66	U	0.59	U	0.62	U	0.59	U	0.6	U
Benzyl Alcohol	100-51-6	~	mg/kg	0.078	J	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
Biphenyl	92-52-4	~	mg/kg	0.067	J	-	-	0.46	U	0.42	U	0.44	U	0.41	U	0.03	J
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	0.2	U	-	-	0.22	U	0.2	U	0.21	U	0.2	U	0.2	U
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	0.17	U	-	-	0.18	U	0.16	U	0.17	U	0.16	U	0.16	U
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	0.22	U	-	-	0.24	U	0.22	U	0.23	U	0.22	U	0.22	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	0.19	U	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
Butyl benzyl phthalate	85-68-7	~	mg/kg	0.19	U	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
Carbazole	86-74-8	~	mg/kg	0.37		-	-	0.2	U	0.18	U	0.052	J	0.18	U	0.28	
Chrysene	218-01-9	1	mg/kg	**5**		-	-	0.027	J	0.11	U	0.23		0.088	J	**1.6**	
Di-n-butylphthalate	84-74-2	~	mg/kg	0.19	U	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
Di-n-octylphthalate	117-84-0	~	mg/kg	0.19	U	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	0.66		-	-	0.12	U	0.11	U	0.027	J	0.11	U	0.18	
Dibenzofuran	132-64-9	210	mg/kg	0.32		-	-	0.2	U	0.18	U	0.042	J	0.18	U	0.21	
Diethyl phthalate	84-66-2	~	mg/kg	0.19	U	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
Dimethyl phthalate	131-11-3	~	mg/kg	0.19	U	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
Fluoranthene	206-44-0	1000	mg/kg	9.9	E	11		0.026	J	0.026	J	0.56		0.18		3.9	
Fluorene	86-73-7	386	mg/kg	0.7		-	-	0.2	U	0.18	U	0.038	J	0.18	U	0.27	
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.11	U	-	-	0.12	U	0.11	U	0.11	U	0.11	U	0.11	U
Hexachlorobutadiene	87-68-3	~	mg/kg	0.19	U	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	0.54	U	-	-	0.58	U	0.52	U	0.55	U	0.52	U	0.53	U
Hexachloroethane	67-72-1	~	mg/kg	0.15	U	-	-	0.16	U	0.14	U	0.15	U	0.14	U	0.15	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	3.1		-	-	0.16	U	0.14	U	0.12	J	0.06	J	0.87	
Isophorone	78-59-1	~	mg/kg	0.17	U	-	-	0.18	U	0.16	U	0.17	U	0.16	U	0.16	U
n-Nitrosodi-n-propylamine	621-64-7	~	mg/kg	0.19	U	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
Naphthalene	91-20-3	12	mg/kg	0.34		-	-	0.032	J	0.18	U	0.051	J	0.18	U	0.14	J
NDPA/DPA	86-30-6	~	mg/kg	0.15	U	-	-	0.16	U	0.14	U	0.15	U	0.14	U	0.15	U
Nitrobenzene	98-95-3	~	mg/kg	0.17	U	-	-	0.18	U	0.16	U	0.17	U	0.16	U	0.16	U
p-Chloro-m-cresol	59-50-7	~	mg/kg	0.19	U	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
Pentachlorophenol	87-86-5	0.8	mg/kg	0.15	U	-	-	0.16	U	0.14	U	0.15	U	0.14	U	0.15	U
Phenanthrene	85-01-8	1000	mg/kg	6.9		-	-	0.12	U	0.11	U	0.53		0.1	J	3.3	
Phenol	108-95-2	0.33	mg/kg	0.032	J	-	-	0.2	U	0.18	U	0.19	U	0.18	U	0.18	U
Pyrene	129-00-0	1000	mg/kg	9.2	E	9.9		0.032	J	0.025	J	0.47		0.14		3.5	
Total Metals																	
Aluminum, Total	7429-90-5		mg/kg	-	-	-	-	7840		6840		4320		4390		-	-
Antimony, Total	7440-36-0		mg/kg	-	-	-	-	0.809	J	0.188	J	2.2	J	1.18	J	-	-
Arsenic, Total	7440-38-2	16	mg/kg	5.74		-	-	6.78		3.3		3.49		4.04		4.39	
Barium, Total	7440-39-3	820	mg/kg	-	-	-	-	84.3		37.8		62.7		29.4		-	-
Beryllium, Total	7440-41-7	47	mg/kg	-	-	-	-	0.457		0.31		0.41		0.269		-	-
Cadmium, Total	7440-43-9	7.5	mg/kg	-	-	-	-	0.109	J	0.109	J	0.144	J	0.147	J	-	-
Calcium, Total	7440-70-2		mg/kg	-	-	-	-	1510		1470		3160		971		-	-
Chromium, Total	7440-47-3		mg/kg	-	-	-	-	12.3		16.1		10.6		11.7		-	-
Cobalt, Total	7440-48-4		mg/kg	-	-	-	-	4.89		8.76		5.18		5.16		-	-
Copper, Total	7440-50-8	1720	mg/kg	-	-	-	-	132		17.2		35.6		29		-	-
Iron, Total	7439-89-6		mg/kg	-	-	-	-	11700		11500		10400		10400		-	-
Lead, Total	7439-92-1	450	mg/kg	-	-	-	-	150		12.5		109		90		-	-
Magnesium, Total	7439-95-4		mg/kg	-	-	-	-	1840		2560		2410		1810		-	-
Manganese, Total	7439-96-5	2000	mg/kg	-	-	-	-	128		283		508		78.8		-	-
Mercury, Total	7439-97-6	0.73	mg/kg	-	-	-	-	0.687		0.056	J	0.298		**2.06**		-	-
Nickel, Total	7440-02-0	130	mg/kg	-	-	-	-	62.2		47		11.9		20		-	-
Potassium, Total	7440-09-7		mg/kg	-	-	-	-	645		974		801		462		-	-
Selenium, Total	7782-49-2	4	mg/kg	-	-	-	-	0.588	J	0.848	U	0.328	J	0.247	J	-	-
Silver, Total	7440-22-4	8.3	mg/kg	-	-	-	-	0.194	J	0.212	U	0.228	U	0.217	U	-	-
Sodium, Total	7440-23-5		mg/kg	-	-	-	-	186		77.1	J	120		75.3	J	-	-
Thallium, Total	7440-28-0		mg/kg	-	-	-	-	0.525	J	0.193	J	0.657	J	0.176	J	-	-
Vanadium, Total	7440-62-2		mg/kg	-	-	-	-	20.7		18.4		24.2		17.1		-	-
Zinc, Total	7440-66-6	2480	mg/kg	-	-	-	-	134		53.6		73		49.1		-	-
Volatile Organics by EPA 5035																	
1,1,1,2-Tetrachloroethane	630-20-6		mg/kg	-	-	-	-	0.00059	U	0.0005	U	0.00048	U	0.00055	U	-	-
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	-	-	-	-	0.00059	U	0.0005	U	0.00048	U	0.00055	U	-	-
1,1,2,2-Tetrachloroethane	79-34-5		mg/kg	-	-	-	-	0.00059	U	0.0005	U	0.00048	U	0.00055	U	-	-
1,1,2-Trichloroethane	79-00-5		mg/kg	-	-	-	-	0.0012	U	0.001	U	0.00097	U	0.0011	U	-	-
1,1-Dichloroethane	75-34-3	0.27	mg/kg	-	-	-	-	0.0012	U	0.001	U	0.00097	U	0.0011	U	-	-
1,1-Dichloroethene	75-35-4	0.33	mg/kg	-	-	-	-	0.0012	U	0.001	U	0.00097	U	0.0011	U	-	-
1,1-Dichloropropene	563-58-6		mg/kg	-	-	-	-	0.00059	U	0.0005	U	0.00048	U	0.00055	U	-	-
1,2,3-Trichlorobenzene	87-61-6		mg/kg	-	-	-	-	0.0024	U	0.002	U	0.0019	U	0.0022	U	-	-
1,2,3-Trichloropropane	96-18-4		mg/kg	-	-	-	-	0.0024	U	0.002	U	0.0019	U	0.0022	U	-	-
1,2,4,5-Tetramethylbenzene	95-93-2		mg/kg	-	-	-	-	0.0024	U	0.002	U	0.0019	U	0.0009	J	-	-
1,2,4-Trichlorobenzene	120-82-1		mg/kg	-	-	-	-	0.0024	U	0.002	U	0.0019	U	0.0022	U	-	-
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	-	-	-	-	0.0024	U	0.002	U	0.0019	U	0.0022	U	-	-
1,2-Dibromo-3-chloropropane	96-12-8		mg/kg	-	-	-	-	0.0036	U	0.003	U	0.0029	U	0.0033	U	-	-
1,2-Dibromoethane	106-93-4		mg/kg	-	-	-	-	0.0012	U	0.001	U	0.00097	U	0.0011	U	-	-

Table 3.3
Endpoint Analytical Data (6 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-103-012224		EP-103-012224		EP-105-012924		EP-107 012424		EP-108-013024		EP-110-011824		EP-113-012224	
SAMPLING DATE				1/22/2024		1/22/2024		1/29/2024		1/24/2024		1/30/2024		1/18/2024		1/22/2024	
LAB SAMPLE ID				L2403572-02		L2403572-02 R1		L2405077-01		L2404098-06		L2405077-16		L2403041-01		L2403572-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	-	-	0.0024	U	0.002	U	0.0019	U	0.0022	U	-	-
1,2-Dichloroethane	107-06-2	0.02	mg/kg	-	-	-	-	0.0012	U	0.001	U	0.00097	U	0.0011	U	-	-
1,2-Dichloroethene, Total	540-59-0		mg/kg	-	-	-	-	0.0012	U	0.001	U	0.00097	U	0.0011	U	-	-
1,2-Dichloropropane	78-87-5		mg/kg	-	-	-	-	0.0012	U	0.001	U	0.00097	U	0.0011	U	-	-
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	-	-	-	-	0.0024	U	0.002	U	0.0019	U	0.0022	U	-	-
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	-	-	0.0024	U	0.002	U	0.0019	U	0.0022	U	-	-
1,3-Dichloropropane	142-28-9		mg/kg	-	-	-	-	0.0024	U	0.002	U	0.0019	U	0.0022	U	-	-
1,3-Dichloropropene, Total	542-75-6		mg/kg	-	-	-	-	0.00059	U	0.0005	U	0.00048	U	0.00055	U	-	-
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	-	-	0.0024	U	0.002	U	0.0019	U	0.0022	U	-	-
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	-	-	0.095	U	0.081	U	0.077	U	0.088	U	-	-
2,2-Dichloropropane	594-20-7		mg/kg	-	-	-	-	0.0024	U	0.002	U	0.0019	U	0.0022	U	-	-
2-Butanone	78-93-3	0.12	mg/kg	-	-	-	-	0.012	U	0.01	U	0.0097	U	0.011	U	-	-
2-Hexanone	591-78-6		mg/kg	-	-	-	-	0.012	U	0.01	U	0.0097	U	0.011	U	-	-
4-Methyl-2-pentanone	108-10-1		mg/kg	-	-	-	-	0.012	U	0.01	U	0.0097	U	0.011	U	-	-
Acetone	67-64-1	0.05	mg/kg	-	-	-	-	0.012	U	0.01	U	0.0097	U	0.011	U	-	-
Acrylonitrile	107-13-1		mg/kg	-	-	-	-	0.0048	U	0.004	U	0.0039	U	0.0044	U	-	-
Benzene	71-43-2	0.06	mg/kg	-	-	-	-	0.00059	U	0.0005	U	0.00048	U	0.00055	U	-	-
Bromobenzene	108-86-1		mg/kg	-	-	-	-	0.0024	U	0.002	U	0.0019	U	0.0022	U	-	-
Bromochloromethane	74-97-5		mg/kg	-	-	-	-	0.0024	U	0.002	U	0.0019	U	0.0022	U	-	-
Bromodichloromethane	75-27-4		mg/kg	-	-	-	-	0.00059	U	0.0005	U	0.00048	U	0.00055	U	-	-
Bromoform	75-25-2		mg/kg	-	-	-	-	0.0048	U	0.004	U	0.0039	U	0.0044	U	-	-
Bromomethane	74-83-9		mg/kg	-	-	-	-	0.0024	U	0.002	U	0.0019	U	0.0022	U	-	-
Carbon disulfide	75-15-0		mg/kg	-	-	-	-	0.012	U	0.01	U	0.0097	U	0.011	U	-	-
Carbon tetrachloride	56-23-5	0.76	mg/kg	-	-	-	-	0.0012	U	0.001	U	0.00097	U	0.0011	U	-	-
Chlorobenzene	108-90-7	1.1	mg/kg	-	-	-	-	0.00059	U	0.0005	U	0.00048	U	0.00055	U	-	-
Chloroethane	75-00-3		mg/kg	-	-	-	-	0.0024	U	0.002	U	0.0019	U	0.0022	U	-	-
Chloroform	67-66-3	0.37	mg/kg	-	-	-	-	0.0018	U	0.0015	U	0.0014	U	0.0016	U	-	-
Chloromethane	74-87-3		mg/kg	-	-	-	-	0.0048	U	0.004	U	0.0039	U	0.0044	U	-	-
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	-	-	-	-	0.0012	U	0.001	U	0.00097	U	0.0011	U	-	-
cis-1,3-Dichloropropene	10061-01-5		mg/kg	-	-	-	-	0.00059	U	0.0005	U	0.00048	U	0.00055	U	-	-
Dibromochloromethane	124-48-1		mg/kg	-	-	-	-	0.0012	U	0.001	U	0.00097	U	0.0011	U	-	-
Dibromomethane	74-95-3		mg/kg	-	-	-	-	0.0024	U	0.002	U	0.0019	U	0.0022	U	-	-
Dichlorodifluoromethane	75-71-8		mg/kg	-	-	-	-	0.012	U	0.01	U	0.0097	U	0.011	U	-	-
Ethyl ether	60-29-7		mg/kg	-	-	-	-	0.0024	U	0.002	U	0.0019	U	0.0022	U	-	-
Ethylbenzene	100-41-4	1	mg/kg	-	-	-	-	0.0012	U	0.001	U	0.00097	U	0.0011	U	-	-
Hexachlorobutadiene	87-68-3		mg/kg	-	-	-	-	0.0048	U	0.004	U	0.0039	U	0.0044	U	-	-
Isopropylbenzene	98-82-8		mg/kg	-	-	-	-	0.0012	U	0.001	U	0.00097	U	0.0011	U	-	-
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	-	-	-	-	0.0024	U	0.002	U	0.0019	U	0.0022	U	-	-
Methylene chloride	75-09-2	0.05	mg/kg	-	-	-	-	0.0059	U	0.005	U	0.0048	U	0.0055	U	-	-
n-Butylbenzene	104-51-8	12	mg/kg	-	-	-	-	0.0012	U	0.001	U	0.00097	U	0.0011	U	-	-
n-Propylbenzene	103-65-1	3.9	mg/kg	-	-	-	-	0.0012	U	0.001	U	0.00097	U	0.0011	U	-	-
Naphthalene	91-20-3	12	mg/kg	-	-	-	-	0.0048	U	0.004	U	0.0039	U	0.0044	U	-	-
o-Chlorotoluene	95-49-8		mg/kg	-	-	-	-	0.0024	U	0.002	U	0.0019	U	0.0022	U	-	-
o-Xylene	95-47-6		mg/kg	-	-	-	-	0.0012	U	0.001	U	0.00097	U	0.00066	J	-	-
p-Chlorotoluene	106-43-4		mg/kg	-	-	-	-	0.0024	U	0.002	U	0.0019	U	0.0022	U	-	-
p-Diethylbenzene	105-05-5		mg/kg	-	-	-	-	0.0024	U	0.002	U	0.0019	U	0.0022	U	-	-
p-Ethyltoluene	622-96-8		mg/kg	-	-	-	-	0.0024	U	0.002	U	0.0019	U	0.0022	U	-	-
p-Isopropyltoluene	99-87-6		mg/kg	-	-	-	-	0.0012	U	0.001	U	0.00097	U	0.0011	U	-	-
p/m-Xylene	179601-23-1		mg/kg	-	-	-	-	0.0024	U	0.002	U	0.0019	U	0.00074	J	-	-
sec-Butylbenzene	135-98-8	11	mg/kg	-	-	-	-	0.0012	U	0.001	U	0.00097	U	0.00056	J	-	-
Styrene	100-42-5		mg/kg	-	-	-	-	0.00076	J	0.001	U	0.00097	U	0.0011	U	-	-
tert-Butylbenzene	98-06-6	5.9	mg/kg	-	-	-	-	0.0024	U	0.002	U	0.0019	U	0.0022	U	-	-
Tetrachloroethene	127-18-4	1.3	mg/kg	-	-	-	-	0.00059	U	0.0005	U	0.00048	U	0.00055	U	-	-
Toluene	108-88-3	0.7	mg/kg	-	-	-	-	0.0012	U	0.001	U	0.00097	U	0.0011	U	-	-
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	-	-	-	-	0.0018	U	0.0015	U	0.0014	U	0.0016	U	-	-
trans-1,3-Dichloropropene	10061-02-6		mg/kg	-	-	-	-	0.0012	U	0.001	U	0.00097	U	0.0011	U	-	-
trans-1,4-Dichloro-2-butene	110-57-6		mg/kg	-	-	-	-	0.0059	U	0.005	U	0.0048	U	0.0055	U	-	-
Trichloroethene	79-01-6	0.47	mg/kg	-	-	-	-	0.00059	U	0.0005	U	0.00048	U	0.00036	J	-	-
Trichlorofluoromethane	75-69-4		mg/kg	-	-	-	-	0.0048	U	0.004	U	0.0039	U	0.0044	U	-	-
Vinyl acetate	108-05-4		mg/kg	-	-	-	-	0.012	U	0.01	U	0.0097	U	0.011	U	-	-
Vinyl chloride	75-01-4	0.02	mg/kg	-	-	-	-	0.0012	U	0.001	U	0.00097	U	0.0011	U	-	-
Xylenes, Total	1330-20-7	1.6	mg/kg	-	-	-	-	0.0012	U	0.001	U	0.00097	U	0.0014	J	-	-

* Comparison is not performed on parameters with non-numeric criteria.

NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Crite

Table 3.4
Endpoint Analytical Data (7-11 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-16-021924		EP-18 02-21-24		EP-18 02-21-24		EP-18-03-08-24-(9')		EP-18-03-08-24-(9')		EP-18_040524-11'		EP-19 02-21-24		EP-19-03-08-24-(8')		EP-19-04-10-24 11'		EP-21 03-12-24 7'-8'		EP-21 04-09-24 11'		EP-21 04-09-24 11'		EP-22 03-12-24 7'-8'		EP-23-042924 (8')		EP-24-042924 (8')		EP-25 04-30-24 8'	
SAMPLING DATE				2/19/2024		2/21/2024		2/21/2024		3/8/2024		3/8/2024		4/5/2024		2/21/2024		3/8/2024		4/10/2024		3/12/2024		4/9/2024		4/9/2024		3/12/2024		4/29/2024		4/29/2024		4/30/2024	
LAB SAMPLE ID				L2408990-01		L2409420-02		L2409420-02 R1		L2412910-01		L2412910-01 R1		L2418779-01		L2409420-03		L2412910-02		L2419555-02		L2413372-03		L2419191-01		L2419191-01 R1		L2413372-02		L2423340-01		L2423340-02		L2423603-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH				7-8		7		7		9		9				7		8		11		7-8		11		11		7-8		8		8		8	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																																			
Chromium, Hexavalent	18540-29-9	19	mg/kg	1.21	U	0.318	J	-	-	1.21	J	-	-	0.9	U	1.29	U	1.12	U	0.952	U	1.1	U	0.931	U	-	-	0.944	U	1.29	U	0.941	U	0.984	U
Cyanide, Total	57-12-5	40	mg/kg	1.4	U	-	-	-	-	-	-	-	-	1	U	-	-	-	-	1.2	U	-	-	1.1	U	-	-	1.1	U	0.33	J	1.2	U	1.2	U
Solids, Total	NONE	~	%	65.9		56.6		-	-	62		-	-	88.9		61.8		71.2		84		72.4		85.9		-	-	84.7		62		85		81.3	
Organochlorine Pesticides by GC																																			
4,4'-DDD	72-54-8	14	mg/kg	0.00238	U	-	-	-	-	-	-	-	-	0.0017	U	-	-	-	-	0.00124	J	-	-	0.0018	U	-	-	0.00185	U	0.00386	U	0.00187	U	0.00187	U
4,4'-DDE	72-55-9	17	mg/kg	0.00238	U	-	-	-	-	-	-	-	-	0.0017	U	-	-	-	-	0.00152	J	-	-	0.0018	U	-	-	0.00185	U	0.00386	U	0.00187	U	0.00187	U
4,4'-DDT	50-29-3	136	mg/kg	0.00238	U	-	-	-	-	-	-	-	-	0.0017	U	-	-	-	-	0.00683		-	-	0.0018	U	-	-	0.00185	U	0.00386	U	0.00187	U	0.00187	U
Aldrin	309-00-2	0.19	mg/kg	0.00238	U	-	-	-	-	-	-	-	-	0.0017	U	-	-	-	-	0.00183	U	-	-	0.0018	U	-	-	0.00185	U	0.00386	U	0.00187	U	0.00187	U
Alpha-BHC	319-84-6	0.02	mg/kg	0.00099	U	-	-	-	-	-	-	-	-	0.000708	U	-	-	-	-	0.000762	U	-	-	0.000751	U	-	-	0.00077	U	0.00161	U	0.000778	U	0.000778	U
Beta-BHC	319-85-7	0.09	mg/kg	0.00238	U	-	-	-	-	-	-	-	-	0.0017	U	-	-	-	-	0.00183	U	-	-	0.0018	U	-	-	0.00185	U	0.00386	U	0.00187	U	0.00187	U
Chlordane	57-74-9	~	mg/kg	0.0198	U	-	-	-	-	-	-	-	-	0.0142	U	-	-	-	-	0.0542		-	-	0.015	U	-	-	0.0154	U	0.0322	U	0.0156	U	0.0156	U
cis-Chlordane	5103-71-9	2.9	mg/kg	0.00297	U	-	-	-	-	-	-	-	-	0.00212	U	-	-	-	-	0.00505		-	-	0.00225	U	-	-	0.00231	U	0.00483	U	0.00233	U	0.00234	U
Delta-BHC	319-86-8	0.25	mg/kg	0.00238	U	-	-	-	-	-	-	-	-	0.0017	U	-	-	-	-	0.00183	U	-	-	0.0018	U	-	-	0.00185	U	0.00386	U	0.00187	U	0.00187	U
Dieldrin	60-57-1	0.1	mg/kg	0.00148	U	-	-	-	-	-	-	-	-	0.00106	U	-	-	-	-	0.00114	U	-	-	0.00113	U	-	-	0.00116	U	0.00241	U	0.00117	U	0.00117	U
Endosulfan I	959-98-8	102	mg/kg	0.00238	U	-	-	-	-	-	-	-	-	0.0017	U	-	-	-	-	0.00183	U	-	-	0.0018	U	-	-	0.00185	U	0.00386	U	0.00187	U	0.00187	U
Endosulfan II	33213-65-9	102	mg/kg	0.00238	U	-	-	-	-	-	-	-	-	0.0017	U	-	-	-	-	0.00183	U	-	-	0.0018	U	-	-	0.00185	U	0.00386	U	0.00187	U	0.00187	U
Endosulfan sulfate	1031-07-8	1000	mg/kg	0.00099	U	-	-	-	-	-	-	-	-	0.000708	U	-	-	-	-	0.000762	U	-	-	0.000751	U	-	-	0.00077	U	0.00161	U	0.000778	U	0.000778	U
Endrin	72-20-8	0.06	mg/kg	0.00099	U	-	-	-	-	-	-	-	-	0.000708	U	-	-	-	-	0.000762	U	-	-	0.000751	U	-	-	0.00077	U	0.00161	U	0.000778	U	0.000778	U
Endrin aldehyde	7421-93-4	~	mg/kg	0.00297	U	-	-	-	-	-	-	-	-	0.00212	U	-	-	-	-	0.00229	U	-	-	0.00225	U	-	-	0.00231	U	0.00483	U	0.00233	U	0.00234	U
Endrin ketone	53494-70-5	~	mg/kg	0.00238	U	-	-	-	-	-	-	-	-	0.0017	U	-	-	-	-	0.00183	U	-	-	0.0018	U	-	-	0.00185	U	0.00386	U	0.00187	U	0.00187	U
Heptachlor	76-44-8	0.38	mg/kg	0.00119	U	-	-	-	-	-	-	-	-	0.000849	U	-	-	-	-	0.000716	J	-	-	0.000901	U	-	-	0.000924	U	0.00193	U	0.000934	U	0.000934	U
Heptachlor epoxide	1024-57-3	~	mg/kg	0.00445	U	-	-	-	-	-	-	-	-	0.00318	U	-	-	-	-	0.00343	U	-	-	0.00338	U	-	-	0.00346	U	0.00724	U	0.0035	U	0.0035	U
Lindane	58-89-9	0.1	mg/kg	0.00099	U	-	-	-	-	-	-	-	-	0.000708	U	-	-	-	-	0.000762	U	-	-	0.000751	U	-	-	0.00077	U	0.00161	U	0.000778	U	0.000778	U
Methoxychlor	72-43-5	~	mg/kg	0.00445	U	-	-	-	-	-	-	-	-	0.00318	U	-	-	-	-	0.00343	U	-	-	0.00338	U	-	-	0.00346	U	0.00724	U	0.0035	U	0.0035	U
Toxaphene	8001-35-2	~	mg/kg	0.0445	U	-	-	-	-	-	-	-	-	0.0318	U	-	-	-	-	0.0343	U	-	-	0.0338	U	-	-	0.0346	U	0.0724	U	0.035	U	0.035	U
trans-Chlordane	5103-74-2	~	mg/kg	0.00297	U	-	-	-	-	-	-	-	-	0.00212	U	-	-	-	-	0.00299	IP	-	-	0.00225	U	-	-	0.00231	U	0.00483	U	0.00233	U	0.00234	U
Perfluorinated Alkyl Acids by EPA 1633																																			
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8	39108-34-4	~	mg/kg	0.000796	U	-	-	-	-	-	-	-	-	0.000795	U	-	-	-	-	0.000774	U	-	-	0.0008	U	-	-	0.000784	U	0.000786	U	0.000764	U	0.000787	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (8	27619-97-2	~	mg/kg	0.000796	U	-	-	-	-	-	-	-	-	0.000795	U	-	-	-	-	0.000774	U	-	-	0.0008	U	-	-	0.000784	U	0.000786	U	0.000764	U	0.000787	U
N-Ethyl Perfluorooctanesulfonamidoacetic Ac	2991-50-6	~	mg/kg	0.000199	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000194	U	-	-	0.0002	U	-	-	0.000196	U	0.000196	U	0.000191	U	0.000197	U
N-Methyl Perfluorooctanesulfonamidoacetic	2355-31-9	~	mg/kg	0.000199	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000194	U	-	-	0.0002	U	-	-	0.000196	U	0.000196	U	0.000191	U	0.000197	U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	0.000199	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000194	U	-	-	0.0002	U	-	-	0.000196	U	0.000196	U	0.000191	U	0.000197	U
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	0.000796	U	-	-	-	-	-	-	-	-	0.000795	U	-	-	-	-	0.000774	U	-	-	0.0008	U	-	-	0.000784	U	0.000786	U	0.000764	U	0.000787	U
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	0.000199	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000194	U	-	-	0.0002	U	-	-	0.000196	U	0.000196	U	0.000191	U	0.000197	U
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	0.000199	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000194	U	-	-	0.0002	U	-	-	0.000196	U	0.000196	U	0.000191	U	0.000197	U
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	0.000199	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000194	U	-	-	0.0002	U	-	-	0.000196	U	0.000196	U	0.000191	U	0.000197	U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	0.000199	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000194	U	-	-	0.0002	U	-	-	0.000196	U	0.000062	J	0.000191	U	0.000197	U
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	0.000199	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000194	U	-	-	0.0002	U	-	-	0.000196	U	0.000196	U	0.000191	U	0.000197	U
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	0.000145	J	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000194	U	-	-	0.0002	U	-	-	0.000118	J	0.000359		0.000191	U	0.000062	J
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	0.000199	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000194	U	-	-	0.0002	U	-	-	0.000196	U	0.000047	J	0.000191	U	0.000197	U
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	0.000199	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000194	U	-	-	0.0002	U	-	-	0.000196	U	0.000196	U	0.000191	U	0.000197	U
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	0.000199	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000194	U	-	-	0.0002	U	-	-	0.000196	U	0.000196	U	0.000191	U	0.000197	U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	0.000199	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000232		-	-	0.0002	U	-	-	0.000145	J	0.000533		0.00066		0.000313	
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	0.000092	J	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.00011	J	-	-	0.000059	J	-	-	0.000164	J	0.000244		0.000191	U	0.00026	
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	0.000398	U	-	-	-	-	-	-	-	-	0.000397	U	-	-	-	-	0.000387	U	-	-	0.0004	U	-	-	0.000392	U	0.000393	U	0.000382	U	0.000394	U
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	0.000199	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000194	U	-	-	0.0002	U	-	-	0.000196	U	0.000196	U	0.000191	U	0.000197	U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	0.000199	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000194	U	-	-	0.0002	U	-	-	0.000196	U	0.000196	U	0.000191	U	0.000197	U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	0.000199	U	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000194	U	-	-	0.0002	U	-	-	0.000196	U	0.000196	U	0.000191	U	0.000197	U
PFOA/PFOS, Total	null	~	mg/kg	0.000092	J	-	-	-	-	-	-	-	-	0.000199	U	-	-	-	-	0.000342	J	-	-	0.000059	J	-	-	0.000309	J	0.000777		0.00066		0.000573	
Polychlorinated Biphenyls by GC																																			
Aroclor 1016	12674-11-2	3.2	mg/kg	0.0725	U	-	-	-	-	-	-	-	-	0.0544	U	-	-	-	-	0.0574	U	-	-	0.0552	U	-	-	0.058	U	0.0796	U	0.055	U	0.0604	U
Aroclor 1221	11104-28-2	3.2	mg/kg	0.0725	U	-	-	-	-	-	-	-	-	0.0544	U	-	-	-	-	0.0574	U	-	-	0.0552	U	-	-	0.058	U	0.0796	U	0.055	U	0.0604	U
Aroclor 1232	11141-16-5	3.2	mg/kg	0.0725	U	-	-	-	-	-	-	-	-	0.0544	U	-	-	-	-	0.0574	U	-	-	0.0552	U	-	-	0.058	U	0.0796	U	0.055	U	0.0604	U
Aroclor 1242	53469-21-9	3.2	mg/kg	0.0725	U	-	-	-	-	-	-	-	-	0.0544	U	-	-	-	-	0.0574	U	-	-	0.0552	U	-	-	0.058	U	0.0796	U	0.055	U	0.0604	U
Aroclor 1248	12672-29-6	3.2	mg/kg	0.0725	U	-	-	-	-	-	-	-	-	0.0544	U	-	-	-	-	0.0574	U	-	-	0.0552	U	-	-	0.058	U	0.0796	U	0.055	U	0.0604	U
Aroclor 1254	11097-69-1	3.2	mg/kg	0.0725	U	-	-	-	-	-	-	-	-	0.0544	U	-	-	-	-	0.0574	U	-	-	0.0552	U	-	-	0.058	U	0.0796	U	0.055	U	0.0604	U
Aroclor 1260	11096-82-5	3.2	mg/kg	0.0725	U	-	-	-	-	-	-	-	-	0.0544	U	-	-	-	-	0.0574	U	-	-	0.0552	U	-	-	0.058	U	0.0796	U	0.055	U	0.0604	U
Aroclor 1262	37324-23-5	3.2	mg/kg	0.0725	U	-	-	-	-	-	-	-	-	0.0544	U	-	-	-	-	0.0574	U	-	-	0.0552	U	-	-	0.058	U	0.0796	U	0.055	U	0.0604	U
Aroclor 1268	11100-14-4	3.2	mg/kg	0.0725	U	-	-	-	-	-	-	-	-	0.0544	U	-	-	-	-	0.0574	U	-	-	0.0552	U	-	-	0.058	U	0.0796	U	0.055	U	0.0604	U
PCBs, Total	1336-36-3	3.2	mg/kg	0.0725	U	-	-	-	-	-	-	-	-	0.0544	U	-	-	-	-	0.0574	U	-	-	0.0552	U	-	-	0.058	U	0.0796	U	0.055	U	0.0604	U
Semivolatile Organics by GC/MS																																			
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	0.25	U	0.29	U	-	-	0.26	U	-	-	0.18	U	0.27	U	0.23	U	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.25	U	0.29	U	-	-	0.26	U	-	-	0.18	U	0.27	U	0.23	U	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.25	U	0.057	J	-	-	0.26	U	-	-	0.18	U	0.27	U	0.23	U	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.25	U	0.064	J	-	-	0.26	U	-	-	0.18	U	0.27	U	0.23	U	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.25	U	0.29	U	-	-	0.26	U	-	-	0.18	U	0.27	U	0.23	U	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.037	U	0.043	U	-	-	0.04	U	-	-	0.028	U	0.04	U	0.034	U	0.029	U	0.033	U	0.029	U	-	-	0.029	U	0.08	U	0.029	U	0.03	U
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	0.25	U	0.29	U	-	-	0.26	U	-	-	0.18	U	0.27	U	0.23	U	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	0.15	U	0.17	U	-	-	0.16	U	-	-	0.11	U	0.16	U	0.14	U	0.12	U	0.13	U	0.12	U	-	-	0.12	U	0.32	U	0.12	U	0.12	U
2,4-Dichlorophenol	120-83-2	~	mg/kg	0.22	U	0.26	U	-	-	0.24	U	-	-	0.17	U	0.24	U	0.21	U	0.18	U	0.2	U	0.17	U	-	-	0.17	U	0.48	U	0.17	U	0.18	U
2,4-Dimethylphenol	105-67-9	~	mg/kg	0.25	U	0.29	U	-	-	0.12	J	-	-	0.18	U	0.27	U	0.09	J	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
2,4-Dinitrophenol	51-28-5	~	mg/kg	1.2	U	1.4	U	-	-	1.3	U	-	-	0.89	U	1.3	U	1.1	U	0.94	U	1.1	U	0.92	U	-	-	0.92	U	2.6	U	0.92	U	0.97	U
2,4-Dinitrotoluene	121-14-2	~	mg/kg	0.25	U	0.29	U	-	-	0.26	U	-	-	0.18	U	0.27	U	0.23	U	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
2,6-Dinitrotoluene	606-20-2	~	mg/kg	0.25	U	0.29	U	-	-	0.26	U	-	-	0.18	U	0.27	U	0.23	U	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
2-Chloronaphthalene	91-58-7	~	mg/kg	0.25	U	0.062	J	-	-	0.26	U	-	-	0.18	U	0.27	U	0.23	U	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
2-Chlorophenol	95-57-8	~	mg/kg	0.25	U	0.29	U	-	-	0.26	U	-	-	0.18	U	0.27	U	0.23	U	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
2-Methylnaphthalene	91-57-6	~	mg/kg	0.3	U	0.36		-	-	0.62		-	-	0.22	U	0.32	U	0.31		0.23	U	0.1	J	0.23	U	-	-	0.23	U	0.64	U	0.23	U	0.06	J
2-Methylphenol	95-48-7	0.33	mg/kg	0.25	U	0.29	U	-	-	0.052	J	-	-	0.18	U	0.27	U	0.23	U	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
2-Nitroaniline	88-74-4	~	mg/kg	0.25	U	0.29	U	-	-	0.26	U	-	-	0.18	U	0.27	U	0.23	U	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
2-Nitrophenol	88-75-5	~	mg/kg	0.54	U	0.62	U	-	-	0.57	U	-	-	0.4	U	0.58	U	0.5	U	0.42	U	0.48	U	0.42	U	-	-	0.42	U	1.2	U	0.42	U	0.44	U

Table 3.4
Endpoint Analytical Data (7-11 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-16-021924		EP-18 02-21-24		EP-18 02-21-24		EP-18-03-08-24-(9')		EP-18-03-08-24-(9')		EP-18_040524-11'		EP-19 02-21-24		EP-19-03-08-24-(8')		EP-19-04-10-24 11'		EP-21 03-12-24 7'-8'		EP-21 04-09-24 11'		EP-21 04-09-24 11'		EP-22 03-12-24 7'-8'		EP-23-042924 (8')		EP-24-042924 (8')		EP-25 04-30-24 8'	
SAMPLING DATE				2/19/2024		2/21/2024		2/21/2024		3/8/2024		3/8/2024		4/5/2024		2/21/2024		3/8/2024		4/10/2024		3/12/2024		4/9/2024		4/9/2024		3/12/2024		4/29/2024		4/29/2024		4/30/2024	
LAB SAMPLE ID				L2408990-01		L2409420-02		L2409420-02 R1		L2412910-01		L2412910-01 R1		L2418779-01		L2409420-03		L2412910-02		L2419555-02		L2413372-03		L2419191-01		L2419191-01 R1		L2413372-02		L2423340-01		L2423340-02		L2423603-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH				7-8		7		7		9		9				7		8		11		7-8		11		11		7-8		8		8		8	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	0.25	U	0.29	U	-	-	0.26	U	-	-	0.18	U	0.27	U	0.23	U	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	mg/kg	0.36	U	0.05	J	-	-	0.19	J	-	-	0.27	U	0.38	U	0.12	J	0.28	U	0.043	J	0.13	J	-	-	0.28	U	0.087	J	0.28	U	0.29	U
3-Nitroaniline	99-09-2	~	mg/kg	0.25	U	0.29	U	-	-	0.26	U	-	-	0.18	U	0.27	U	0.23	U	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	0.65	U	0.75	U	-	-	0.69	U	-	-	0.48	U	0.69	U	0.6	U	0.51	U	0.58	U	0.5	U	-	-	0.5	U	1.4	U	0.5	U	0.53	U
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	0.25	U	0.29	U	-	-	0.26	U	-	-	0.18	U	0.27	U	0.23	U	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
4-Chloroaniline	106-47-8	~	mg/kg	0.25	U	0.29	U	-	-	0.26	U	-	-	0.18	U	0.27	U	0.23	U	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	0.25	U	0.29	U	-	-	0.26	U	-	-	0.18	U	0.27	U	0.23	U	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
4-Nitroaniline	100-01-6	~	mg/kg	0.25	U	0.29	U	-	-	0.26	U	-	-	0.18	U	0.27	U	0.23	U	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
4-Nitrophenol	100-02-7	~	mg/kg	0.35	U	0.4	U	-	-	0.37	U	-	-	0.26	U	0.37	U	0.32	U	0.27	U	0.31	U	0.27	U	-	-	0.27	U	0.75	U	0.27	U	0.28	U
Acenaphthene	83-32-9	98	mg/kg	0.2	U	0.98		-	-	5.1		-	-	0.024	J	0.21	U	0.94		0.58		0.25		0.15	U	-	-	0.15	U	0.43	U	0.15	U	0.1	J
Acenaphthylene	208-96-8	107	mg/kg	0.2	U	0.59		-	-	1.3		-	-	0.15	U	0.21	U	0.66		0.13	J	0.52		0.15	U	-	-	0.15	U	0.43	U	0.15	U	0.042	J
Acetophenone	98-86-2	~	mg/kg	0.25	U	0.29	U	-	-	0.042	J	-	-	0.18	U	0.27	U	0.096	J	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
Anthracene	120-12-7	1000	mg/kg	0.15	U	2.9		-	-	5.7		-	-	0.065	J	0.16	U	1.8		0.37		0.42		0.12	U	-	-	0.046	J	0.32	U	0.12	U	0.22	
Benzo(a)anthracene	56-55-3	1	mg/kg	0.15	U	**6.9**		-	-	**7.5**		-	-	0.12		0.16		**3.3**		0.49		**2.1**		0.042	J	-	-	0.13		0.093	J	0.12	U	0.48	
Benzo(a)pyrene	50-32-8	22	mg/kg	0.2	U	6.8		-	-	8.2		-	-	0.12	J	0.18	J	3.1		0.57		4.6		0.15	U	-	-	0.11	J	0.43	U	0.15	U	0.44	
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	0.15	U	**7.6**		-	-	**7.8**		-	-	0.15		0.23		**3.7**		0.49		**3.4**		0.037	J	-	-	0.14		0.12	J	0.12	U	0.51	
Benzo(ghi)perylene	191-24-2	1000	mg/kg	0.2	U	3.5		-	-	4.9		-	-	0.077	J	0.14	J	2		0.34		3.2		0.15	U	-	-	0.062	J	0.43	U	0.15	U	0.29	
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	0.15	U	**2.2**		-	-	**2.7**		-	-	0.041	J	0.063	J	1.1		0.16		1.1		0.12	U	-	-	0.042	J	0.32	U	0.12	U	0.18	
Benzoic Acid	65-85-0	~	mg/kg	0.81	U	0.94	U	-	-	0.86	U	-	-	0.6	U	0.86	U	0.75	U	0.63	U	0.72	U	0.62	U	-	-	0.62	U	1.7	U	0.62	U	0.66	U
Benzyl Alcohol	100-51-6	~	mg/kg	0.25	U	0.29	U	-	-	0.26	U	-	-	0.18	U	0.27	U	0.23	U	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
Biphenyl	92-52-4	~	mg/kg	0.57	U	0.14	J	-	-	0.33	J	-	-	0.42	U	0.61	U	0.11	J	0.44	U	0.037	J	0.44	U	-	-	0.44	U	1.2	U	0.44	U	0.46	U
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	0.27	U	0.31	U	-	-	0.29	U	-	-	0.2	U	0.29	U	0.25	U	0.21	U	0.24	U	0.21	U	-	-	0.21	U	0.58	U	0.21	U	0.22	U
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	0.22	U	0.26	U	-	-	0.24	U	-	-	0.17	U	0.24	U	0.21	U	0.18	U	0.2	U	0.17	U	-	-	0.17	U	0.48	U	0.17	U	0.18	U
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	0.3	U	0.35	U	-	-	0.32	U	-	-	0.22	U	0.32	U	0.28	U	0.23	U	0.27	U	0.23	U	-	-	0.23	U	0.64	U	0.23	U	0.24	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	0.25	U	0.29	U	-	-	0.26	U	-	-	0.18	U	0.27	U	0.23	U	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
Butyl benzyl phthalate	85-68-7	~	mg/kg	0.25	U	0.29	U	-	-	0.26	U	-	-	0.18	U	0.27	U	0.23	U	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
Carbazole	86-74-8	~	mg/kg	0.25	U	1.1		-	-	1.4		-	-	0.18	U	0.27	U	0.61		0.046	J	0.092	J	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.075	J
Chrysene	218-01-9	1	mg/kg	0.15	U	**6.4**		-	-	**7.2**		-	-	0.12		0.16		**3.3**		0.42		**1.8**		0.036	J	-	-	0.12		0.09	J	0.12	U	0.45	
Di-n-butylphthalate	84-74-2	~	mg/kg	0.25	U	0.29	U	-	-	0.26	U	-	-	0.18	U	0.27	U	0.23	U	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
Di-n-octylphthalate	117-84-0	~	mg/kg	0.25	U	0.29	U	-	-	0.26	U	-	-	0.18	U	0.27	U	0.23	U	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	0.15	U	0.81		-	-	0.94		-	-	0.11	U	0.036	J	0.47		0.05	J	0.36		0.12	U	-	-	0.12	U	0.32	U	0.12	U	0.068	J
Dibenzofuran	132-64-9	210	mg/kg	0.25	U	0.7		-	-	1.2		-	-	0.017	J	0.27	U	0.54		0.029	J	0.077	J	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.065	J
Diethyl phthalate	84-66-2	~	mg/kg	0.25	U	0.29	U	-	-	0.26	U	-	-	0.18	U	0.27	U	0.23	U	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
Dimethyl phthalate	131-11-3	~	mg/kg	0.25	U	0.29	U	-	-	0.26	U	-	-	0.18	U	0.27	U	0.23	U	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
Fluoranthene	206-44-0	1000	mg/kg	0.028	J	16	E	18		18	E	32		0.31		0.3		8		1.4		3.3		0.099	J	-	-	0.27		0.2	J	0.12	U	1	
Fluorene	86-73-7	386	mg/kg	0.25	U	0.99		-	-	2.5		-	-	0.027	J	0.27	U	0.89		0.45		0.19	J	0.019	J	-	-	0.19	U	0.53	U	0.19	U	0.1	J
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.15	U	0.17	U	-	-	0.16	U	-	-	0.11	U	0.16	U	0.14	U	0.12	U	0.13	U	0.12	U	-	-	0.12	U	0.32	U	0.12	U	0.12	U
Hexachlorobutadiene	87-68-3	~	mg/kg	0.25	U	0.29	U	-	-	0.26	U	-	-	0.18	U	0.27	U	0.23	U	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	0.71	U	0.83	U	-	-	0.76	U	-	-	0.53	U	0.76	U	0.66	U	0.56	U	0.64	U	0.55	U	-	-	0.55	U	1.5	U	0.55	U	0.58	U
Hexachloroethane	67-72-1	~	mg/kg	0.2	U	0.23	U	-	-	0.21	U	-	-	0.15	U	0.21	U	0.18	U	0.16	U	0.18	U	0.15	U	-	-	0.15	U	0.43	U	0.15	U	0.16	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	0.2	U	3.2		-	-	4.1		-	-	0.068	J	0.14	J	1.8		0.26		1.8		0.15	U	-	-	0.056	J	0.43	U	0.15	U	0.22	
Isophorone	78-59-1	~	mg/kg	0.22	U	0.26	U	-	-	0.24	U	-	-	0.17	U	0.24	U	0.21	U	0.18	U	0.2	U	0.17	U	-	-	0.17	U	0.48	U	0.17	U	0.18	U
\	621-64-7	~	mg/kg	0.25	U	0.29	U	-	-	0.26	U	-	-	0.18	U	0.27	U	0.23	U	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
Naphthalene	91-20-3	12	mg/kg	0.25	U	0.72		-	-	2.3		-	-	0.18	U	0.27	U	0.84		0.06	J	0.37		0.043	J	-	-	0.051	J	0.069	J	0.19	U	0.17	J
NDPA/DPA	86-30-6	~	mg/kg	0.2	U	0.23	U	-	-	0.21	U	-	-	0.15	U	0.21	U	0.18	U	0.16	U	0.18	U	0.15	U	-	-	0.15	U	0.43	U	0.15	U	0.16	U
Nitrobenzene	98-95-3	~	mg/kg	0.22	U	0.26	U	-	-	0.24	U	-	-	0.17	U	0.24	U	0.21	U	0.18	U	0.2	U	0.17	U	-	-	0.17	U	0.48	U	0.17	U	0.18	U
p-Chloro-m-cresol	59-50-7	~	mg/kg	0.25	U	0.29	U	-	-	0.26	U	-	-	0.18	U	0.27	U	0.23	U	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
Pentachlorophenol	87-86-5	0.8	mg/kg	0.2	U	0.23	U	-	-	0.21	U	-	-	0.15	U	0.21	U	0.18	U	0.16	U	0.18	U	0.15	U	-	-	0.15	U	0.43	U	0.15	U	0.16	U
Phenanthrene	85-01-8	1000	mg/kg	0.15	U	12	E	13		17	E	29		0.22		0.17		6.1		2.4		1.2		0.11	J	-	-	0.18		0.16	J	0.12	U	0.8	
Phenol	108-95-2	0.33	mg/kg	0.25	U	0.21	J	-	-	0.089	J	-	-	0.18	U	**0.36**		0.065	J	0.2	U	0.22	U	0.19	U	-	-	0.19	U	0.53	U	0.19	U	0.2	U
Pyrene	129-00-0	1000	mg/kg	0.028	J	14	E	15		19	E	36		0.28		0.26		8.1		1.9		4		0.092	J	-	-	0.23		0.17	J	0.12	U	0.97	
Total Metals																																			
Aluminum, Total	7429-90-5	~	mg/kg	9130		-	-	-	-	-	-	-	-	10200		-	-	-	-	6950		-	-	5960		-	-	7170		7840		7800		4410	
Antimony, Total	7440-36-0	~	mg/kg	0.608	J	-	-	-	-	-	-	-	-	4.26	U	-	-	-	-	0.575	J	-	-	4.54	U	-	-	11.6	U	0.901	J	4.62	U	4.83	U
Arsenic, Total	7440-38-2	16	mg/kg	6.18		14		-	-	9.95		-	-	3.46		**132**		8.47		4.16		11.2		1.77		-	-	3.29		11.7		3.39		6.41	
Barium, Total	7440-39-3	820	mg/kg	87.8		-	-	-	-	-	-	-	-	35.1		-	-	-	-	58.9		-	-	34.6		-	-	50.4		97.3		40.1		41.6	
Beryllium, Total	7440-41-7	47	mg/kg	0.639		-	-	-	-	-	-	-	-	0.409	J	-	-	-	-	0.36	J	-	-	0.329	J	-	-	0.399	J	0.456	J	0.429	J	0.244	J
Cadmium, Total	7440-43-9	7.5	mg/kg	0.117	J	-	-	-	-	-	-	-	-	0.852	U	-	-	-	-	0.899	U	-	-	0.142	J	-	-	2.32	U	0.124	J	0.925	U	0.965	U
Calcium, Total	7440-70-2	~	mg/kg	10900		-	-	-	-	-	-	-	-	673		-	-	-	-	13200		-	-	9590		-	-	12800		2590		922		8340	
Chromium, Total	7440-47-3	~	mg/kg	20		-	-	-	-	-	-	-	-	18.9		-	-	-	-	15.3		-	-	10.5		-	-	13.6		17.1		14.4		11.4	
Cobalt, Total	7440-48-4	~	mg/kg	9.87		-	-	-	-	-	-	-	-	5.37		-	-	-	-	10		-	-	4.56		-	-	5.51		5.43		5.96		13.2	
Copper, Total	7440-50-8	1720	mg/kg	30.5		-	-	-	-	-	-	-	-	11.2		-	-	-	-	24.1		-	-	10.6		-	-	15.9		36.6		13.1		25.3	
Iron, Total	7439-89-6	~	mg/kg	17800		-	-	-	-	-	-	-	-	14900		-	-	-	-	15500		-	-	15000		-	-	14300		13700		13900		12200	
Lead, Total	7439-92-1	450	mg/kg	130		-	-	-	-	-	-	-	-	8.84		-	-	-	-	43.2		-	-	48.5		-	-	65.8		263		25.7		72.3	
Magnesium, Total	7439-95-4	~	mg/kg	3980		-	-	-	-	-	-	-	-	2090		-	-	-	-	7680		-	-	2940		-	-	2130		2980		2170		2030	
Manganese, Total	7439-96-5	2000	mg/kg	445		-	-	-	-	-	-	-	-	96.6		-	-	-	-	345		-	-	285		-	-	398		94.4		205		429	
Mercury, Total	7439-97-6	0.73	mg/kg	**1.09**		-	-	-	-	-	-	-	-	0.071	U	-	-	-	-	0.109		-	-	0.094		-	-	0.251		**2.33**		0.164		**1.74**	
Nickel, Total	7440-02-0	130	mg/kg	43.3		-	-	-	-	-	-	-	-	16.6		-	-	-	-	31.1		-	-	14		-	-	15.4		23.6		19.3		25.4	
Potassium, Total	7440-09-7	~	mg/kg	1450		-	-	-	-	-	-	-	-	680		-	-	-	-	1260		-	-	891		-	-	813		1340		713		461	
Selenium, Total	7782-49-2	4	mg/kg	0.476	J	-	-	-	-	-	-	-	-	1.7	U	-	-	-	-	1.8	U	-	-	0.516	J	-	-	4.64	U	0.987	J	1.85	U	0.715	J
Silver, Total	7440-22-4	8.3	mg/kg	1.38		-	-	-	-	-	-	-	-	0.426	U	-	-	-	-	0.45	U	-	-	0.454	U	-	-	1.16	U	0.618	U	0.462	U	0.483	U
Sodium, Total	7440-23-5	~	mg/kg	424		-	-	-	-	-	-	-	-	315		-	-	-	-	228		-	-	197		-	-	233	J	632		176	J	167	J
Thallium, Total	7440-28-0	~	mg/kg	0.92	J	-	-	-	-	-	-	-	-	0.293	J	-	-	-	-	1.8	U	-	-	0.936	J	-	-	4.64	U	0.594	J	0.4	J	1.93	U
Vanadium, Total	7440-62-2	~	mg/kg	28.1		-	-	-	-	-	-	-	-	27.2		-	-	-	-	25.6		-	-	17.2		-	-	21.3		23.6		21.9		17.4	
Zinc, Total	7440-66-6	2480	mg/kg	83.9		-	-	-	-	-	-	-	-	24.7		-	-	-	-	60.8		-	-	32.7		-	-	41.8		103		31.4		77.4	
Volatile Organics by EPA 5035																																			
1,1,1,2-Tetrachloroethane	630-20-6	~	mg/kg	0.00067	U	0.00081	U	-	-	-	-	-	-	0.00048	U	0.001	U	-	-	0.00056	U	-	-	0.0005	U	0.00051	U	0.00053	U	0.0014	U	0.00045	U	0.00062	U
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	0.00067	U	0.00081	U	-	-	-	-	-	-	0.00048	U	0.001	U	-	-	0.00056	U	-	-	0.0005	U	0.00051	U	0.00053	U	0.0014	U	0.00045	U	0.00062	U
1,1,2,2-Tetrachloroethane	79-34-5	~	mg/kg	0.00067	U	0.00081	U	-	-	-	-	-	-	0.00048	U	0.001	U	-	-	0.00056	U	-	-	0.0005	U	0.00051	U	0.00053	U	0.0014	U	0.00045	U	0.00062	U
1,1,2-Trichloroethane	79-00-5	~	mg/kg	0.0013	U	0.0016	U	-	-	-	-	-	-	0.00095	U	0.002	U	-	-	0.0011	U	-	-	0.001	U	0.001	U	0.001	U	0.0029	U	0.0009	U	0.0012	U
1,1-Dichloroethane	75-34-3	0.27	mg/kg	0.0013	U	0.0016	U	-	-	-	-	-	-	0.00095	U	0.002	U	-	-	0.0011	U	-	-	0.001	U	0.001	U	0.001	U	0.0029	U	0.0009	U	0.0012	U
1,1-Dichloroethene	75-35-4	0.33	mg/kg	0.0013	U	0.0016	U	-	-	-	-	-	-	0.00095	U	0.002	U	-	-	0.0011	U	-	-	0.001	U	0.001	U	0.001	U	0.0029	U	0.0009	U	0.0012	U

Table 3.4
Endpoint Analytical Data (7-11 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-16-021924		EP-18 02-21-24		EP-18 02-21-24		EP-18-03-08-24-(9')		EP-18-03-08-24-(9')		EP-18_040524-11'		EP-19 02-21-24		EP-19-03-08-24-(8')		EP-19-04-10-24 11'		EP-21 03-12-24 7'-8'		EP-21 04-09-24 11'		EP-21 04-09-24 11'		EP-22 03-12-24 7'-8'		EP-23-042924 (8')		EP-24-042924 (8')		EP-25 04-30-24 8'	
SAMPLING DATE				2/19/2024		2/21/2024		2/21/2024		3/8/2024		3/8/2024		4/5/2024		2/21/2024		3/8/2024		4/10/2024		3/12/2024		4/9/2024		4/9/2024		3/12/2024		4/29/2024		4/29/2024		4/30/2024	
LAB SAMPLE ID				L2408990-01		L2409420-02		L2409420-02 R1		L2412910-01		L2412910-01 R1		L2418779-01		L2409420-03		L2412910-02		L2419555-02		L2413372-03		L2419191-01		L2419191-01 R1		L2413372-02		L2423340-01		L2423340-02		L2423603-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH				7-8		7		7		9		9				7		8		11		7-8		11		11		7-8		8		8		8	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1-Dichloropropene	563-58-6	~	mg/kg	0.00067	U	0.00081	U	-	-	-	-	-	-	0.00048	U	0.001	U	-	-	0.00056	U	-	-	0.0005	U	0.00051	U	0.00053	U	0.0014	U	0.00045	U	0.00062	U
1,2,3-Trichlorobenzene	87-61-6	~	mg/kg	0.0027	U	0.0032	U	-	-	-	-	-	-	0.0019	U	0.0041	U	-	-	0.0022	U	-	-	0.002	U	0.002	U	0.0021	U	0.0058	U	0.0018	U	0.0025	U
1,2,3-Trichloropropane	96-18-4	~	mg/kg	0.0027	U	0.0032	U	-	-	-	-	-	-	0.0019	U	0.0041	U	-	-	0.0022	U	-	-	0.002	U	0.002	U	0.0021	U	0.0058	U	0.0018	U	0.0025	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	mg/kg	0.0027	U	0.0032	U	-	-	-	-	-	-	0.0019	U	0.0041	U	-	-	0.0022	U	-	-	0.002	U	0.002	U	0.0021	U	0.0058	U	0.0018	U	0.0025	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.0027	U	0.0032	U	-	-	-	-	-	-	0.0019	U	0.0041	U	-	-	0.0022	U	-	-	0.002	U	0.002	U	0.0021	U	0.0058	U	0.0018	U	0.0025	U
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	0.0027	U	0.0032	U	-	-	-	-	-	-	0.0019	U	0.0041	U	-	-	0.0022	U	-	-	0.002	U	0.002	U	0.0021	U	0.0058	U	0.0018	U	0.0025	U
1,2-Dibromo-3-chloropropane	96-12-8	~	mg/kg	0.004	U	0.0049	U	-	-	-	-	-	-	0.0028	U	0.0061	U	-	-	0.0034	U	-	-	0.003	U	0.003	U	0.0032	U	0.0087	U	0.0027	U	0.0037	U
1,2-Dibromoethane	106-93-4	~	mg/kg	0.0013	U	0.0016	U	-	-	-	-	-	-	0.00095	U	0.002	U	-	-	0.0011	U	-	-	0.001	U	0.001	U	0.001	U	0.0029	U	0.0009	U	0.0012	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.0027	U	0.0032	U	-	-	-	-	-	-	0.0019	U	0.0041	U	-	-	0.0022	U	-	-	0.002	U	0.002	U	0.0021	U	0.0058	U	0.0018	U	0.0025	U
1,2-Dichloroethane	107-06-2	0.02	mg/kg	0.0013	U	0.0016	U	-	-	-	-	-	-	0.00095	U	0.002	U	-	-	0.0011	U	-	-	0.001	U	0.001	U	0.001	U	0.0029	U	0.0009	U	0.0012	U
1,2-Dichloroethene, Total	540-59-0	~	mg/kg	0.0013	U	0.0016	U	-	-	-	-	-	-	0.00095	U	0.002	U	-	-	0.0011	U	-	-	0.001	U	0.001	U	0.001	U	0.0029	U	0.0009	U	0.0012	U
1,2-Dichloropropane	78-87-5	~	mg/kg	0.0013	U	0.0016	U	-	-	-	-	-	-	0.00095	U	0.002	U	-	-	0.0011	U	-	-	0.001	U	0.001	U	0.001	U	0.0029	U	0.0009	U	0.0012	U
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	0.0027	U	0.0032	U	-	-	-	-	-	-	0.0019	U	0.0041	U	-	-	0.0022	U	-	-	0.002	U	0.002	U	0.0021	U	0.0058	U	0.0018	U	0.0025	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.0027	U	0.0032	U	-	-	-	-	-	-	0.0019	U	0.0041	U	-	-	0.0022	U	-	-	0.002	U	0.002	U	0.0021	U	0.0058	U	0.0018	U	0.0025	U
1,3-Dichloropropane	142-28-9	~	mg/kg	0.0027	U	0.0032	U	-	-	-	-	-	-	0.0019	U	0.0041	U	-	-	0.0022	U	-	-	0.002	U	0.002	U	0.0021	U	0.0058	U	0.0018	U	0.0025	U
1,3-Dichloropropene, Total	542-75-6	~	mg/kg	0.00067	U	0.00081	U	-	-	-	-	-	-	0.00048	U	0.001	U	-	-	0.00056	U	-	-	0.0005	U	0.00051	U	0.00053	U	0.0014	U	0.00045	U	0.00062	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.0027	U	0.0032	U	-	-	-	-	-	-	0.0019	U	0.0041	U	-	-	0.0022	U	-	-	0.002	U	0.002	U	0.0021	U	0.0058	U	0.0018	U	0.0025	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.11	U	0.13	U	-	-	-	-	-	-	0.076	U	0.16	U	-	-	0.09	U	-	-	0.08	U	0.081	U	0.084	U	0.23	U	0.072	U	0.1	U
2,2-Dichloropropane	594-20-7	~	mg/kg	0.0027	U	0.0032	U	-	-	-	-	-	-	0.0019	U	0.0041	U	-	-	0.0022	U	-	-	0.002	U	0.002	U	0.0021	U	0.0058	U	0.0018	U	0.0025	U
2-Butanone	78-93-3	0.12	mg/kg	0.013	U	0.016	U	-	-	-	-	-	-	0.0049	J	0.0049	J	-	-	0.011	U	-	-	0.0083	J	0.017		0.0066	J	0.041		0.009	U	0.0074	J
2-Hexanone	591-78-6	~	mg/kg	0.013	U	0.016	U	-	-	-	-	-	-	0.0095	U	0.02	U	-	-	0.011	U	-	-	0.01	U	0.01	U	0.01	U	0.029	U	0.009	U	0.012	U
4-Methyl-2-pentanone	108-10-1	~	mg/kg	0.013	U	0.016	U	-	-	-	-	-	-	0.0095	U	0.02	U	-	-	0.011	U	-	-	0.01	U	0.01	U	0.01	U	0.029	U	0.009	U	0.012	U
Acetone	67-64-1	0.05	mg/kg	0.0071	J	0.016	U	-	-	-	-	-	-	0.035		0.036		-	-	0.011		-	-	**0.054**		**0.092**		**0.057**		**0.17**		0.01		**0.061**	
Acrylonitrile	107-13-1	~	mg/kg	0.0054	U	0.0065	U	-	-	-	-	-	-	0.0038	U	0.0082	U	-	-	0.0045	U	-	-	0.004	U	0.0041	U	0.0042	U	0.012	U	0.0036	U	0.005	U
Benzene	71-43-2	0.06	mg/kg	0.00067	U	0.00081	U	-	-	-	-	-	-	0.00048	U	0.001	U	-	-	0.00056	U	-	-	0.0005	U	0.00051	U	0.00053	U	0.0014	U	0.00045	U	0.00062	U
Bromobenzene	108-86-1	~	mg/kg	0.0027	U	0.0032	U	-	-	-	-	-	-	0.0019	U	0.0041	U	-	-	0.0022	U	-	-	0.002	U	0.002	U	0.0021	U	0.0058	U	0.0018	U	0.0025	U
Bromochloromethane	74-97-5	~	mg/kg	0.0027	U	0.0032	U	-	-	-	-	-	-	0.0019	U	0.0041	U	-	-	0.0022	U	-	-	0.002	U	0.002	U	0.0021	U	0.0058	U	0.0018	U	0.0025	U
Bromodichloromethane	75-27-4	~	mg/kg	0.00067	U	0.00081	U	-	-	-	-	-	-	0.00048	U	0.001	U	-	-	0.00056	U	-	-	0.0005	U	0.00051	U	0.00053	U	0.0014	U	0.00045	U	0.00062	U
Bromoform	75-25-2	~	mg/kg	0.0054	U	0.0065	U	-	-	-	-	-	-	0.0038	U	0.0082	U	-	-	0.0045	U	-	-	0.004	U	0.0041	U	0.0042	U	0.012	U	0.0036	U	0.005	U
Bromomethane	74-83-9	~	mg/kg	0.0027	U	0.0032	U	-	-	-	-	-	-	0.0019	U	0.0041	U	-	-	0.0022	U	-	-	0.00084	J	0.002	U	0.0021	U	0.0058	U	0.0018	U	0.0025	U
Carbon disulfide	75-15-0	~	mg/kg	0.013	U	0.016	U	-	-	-	-	-	-	0.0095	U	0.02	U	-	-	0.011	U	-	-	0.01	U	0.01	U	0.01	U	0.029	U	0.009	U	0.012	U
Carbon tetrachloride	56-23-5	0.76	mg/kg	0.0013	U	0.0016	U	-	-	-	-	-	-	0.00095	U	0.002	U	-	-	0.0011	U	-	-	0.001	U	0.001	U	0.001	U	0.0029	U	0.0009	U	0.0012	U
Chlorobenzene	108-90-7	1.1	mg/kg	0.00067	U	0.00081	U	-	-	-	-	-	-	0.00048	U	0.001	U	-	-	0.00056	U	-	-	0.0005	U	0.00051	U	0.00053	U	0.0014	U	0.00045	U	0.00062	U
Chloroethane	75-00-3	~	mg/kg	0.0027	U	0.0032	U	-	-	-	-	-	-	0.0019	U	0.0041	U	-	-	0.0022	U	-	-	0.002	U	0.002	U	0.0021	U	0.0058	U	0.0018	U	0.0025	U
Chloroform	67-66-3	0.37	mg/kg	0.002	U	0.0024	U	-	-	-	-	-	-	0.0014	U	0.0031	U	-	-	0.0017	U	-	-	0.0015	U	0.0015	U	0.0016	U	0.0043	U	0.0014	U	0.0019	U
Chloromethane	74-87-3	~	mg/kg	0.0054	U	0.0065	U	-	-	-	-	-	-	0.0038	U	0.0082	U	-	-	0.0045	U	-	-	0.004	U	0.0041	U	0.0042	U	0.012	U	0.0036	U	0.005	U
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	0.0013	U	0.0016	U	-	-	-	-	-	-	0.00095	U	0.002	U	-	-	0.0011	U	-	-	0.001	U	0.001	U	0.001	U	0.0029	U	0.0009	U	0.0012	U
cis-1,3-Dichloropropene	10061-01-5	~	mg/kg	0.00067	U	0.00081	U	-	-	-	-	-	-	0.00048	U	0.001	U	-	-	0.00056	U	-	-	0.0005	U	0.00051	U	0.00053	U	0.0014	U	0.00045	U	0.00062	U
Dibromochloromethane	124-48-1	~	mg/kg	0.0013	U	0.0016	U	-	-	-	-	-	-	0.00095	U	0.002	U	-	-	0.0011	U	-	-	0.001	U	0.001	U	0.001	U	0.0029	U	0.0009	U	0.0012	U
Dibromomethane	74-95-3	~	mg/kg	0.0027	U	0.0032	U	-	-	-	-	-	-	0.0019	U	0.0041	U	-	-	0.0022	U	-	-	0.002	U	0.002	U	0.0021	U	0.0058	U	0.0018	U	0.0025	U
Dichlorodifluoromethane	75-71-8	~	mg/kg	0.013	U	0.016	U	-	-	-	-	-	-	0.0095	U	0.02	U	-	-	0.011	U	-	-	0.01	U	0.01	U	0.01	U	0.029	U	0.009	U	0.012	U
Ethyl ether	60-29-7	~	mg/kg	0.0027	U	0.0032	U	-	-	-	-	-	-	0.0019	U	0.0041	U	-	-	0.0022	U	-	-	0.002	U	0.002	U	0.0021	U	0.0058	U	0.0018	U	0.0025	U
Ethylbenzene	100-41-4	1	mg/kg	0.0013	U	0.0016	U	-	-	-	-	-	-	0.00095	U	0.002	U	-	-	0.0011	U	-	-	0.001	U	0.001	U	0.001	U	0.0029	U	0.0009	U	0.0012	U
Hexachlorobutadiene	87-68-3	~	mg/kg	0.0054	U	0.0065	U	-	-	-	-	-	-	0.0038	U	0.0082	U	-	-	0.0045	U	-	-	0.004	U	0.0041	U	0.0042	U	0.012	U	0.0036	U	0.005	U
Isopropylbenzene	98-82-8	~	mg/kg	0.0013	U	0.0016	U	-	-	-	-	-	-	0.00095	U	0.002	U	-	-	0.0011	U	-	-	0.001	U	0.001	U	0.001	U	0.0029	U	0.0009	U	0.0012	U
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	0.0027	U	0.0032	U	-	-	-	-	-	-	0.0019	U	0.0041	U	-	-	0.0022	U	-	-	0.002	U	0.002	U	0.0021	U	0.0058	U	0.0018	U	0.0025	U
Methylene chloride	75-09-2	0.05	mg/kg	0.0067	U	0.0081	U	-	-	-	-	-	-	0.0048	U	0.01	U	-	-	0.0056	U	-	-	0.005	U	0.0051	U	0.0053	U	0.014	U	0.0045	U	0.0062	U
n-Butylbenzene	104-51-8	12	mg/kg	0.0013	U	0.0016	U	-	-	-	-	-	-	0.00095	U	0.002	U	-	-	0.0011	U	-	-	0.001	U	0.001	U	0.001	U	0.0029	U	0.0009	U	0.0012	U
n-Propylbenzene	103-65-1	3.9	mg/kg	0.0013	U	0.0016	U	-	-	-	-	-	-	0.00095	U	0.002	U	-	-	0.0011	U	-	-	0.001	U	0.001	U	0.001	U	0.0029	U	0.0009	U	0.0012	U
Naphthalene	91-20-3	12	mg/kg	0.0054	U	0.0011	J	-	-	-	-	-	-	0.0038	U	0.0082	U	-	-	0.0045	U	-	-	0.004	U	0.0041	U	0.0042	U	0.012	U	0.0036	U	0.005	U
o-Chlorotoluene	95-49-8	~	mg/kg	0.0027	U	0.0032	U	-	-	-	-	-	-	0.0019	U	0.0041	U	-	-	0.0022	U	-	-	0.002	U	0.002	U	0.0021	U	0.0058	U	0.0018	U	0.0025	U
o-Xylene	95-47-6	~	mg/kg	0.0013	U	0.0016	U	-	-	-	-	-	-	0.00095	U	0.002	U	-	-	0.0011	U	-	-	0.001	U	0.001	U	0.001	U	0.0017	J	0.00053	J	0.0012	U
p-Chlorotoluene	106-43-4	~	mg/kg	0.0027	U	0.0032	U	-	-	-	-	-	-	0.0019	U	0.0041	U	-	-	0.0022	U	-	-	0.002	U	0.002	U	0.0021	U	0.0058	U	0.0018	U	0.0025	U
p-Diethylbenzene	105-05-5	~	mg/kg	0.0027	U	0.0032	U	-	-	-	-	-	-	0.0019	U	0.0041	U	-	-	0.0022	U	-	-	0.002	U	0.002	U	0.0021	U	0.0058	U	0.0018	U	0.0025	U
p-Ethyltoluene	622-96-8	~	mg/kg	0.0027	U	0.0032	U	-	-	-	-	-	-	0.0019	U	0.0041	U	-	-	0.0022	U	-	-	0.002	U	0.002	U	0.0021	U	0.0058	U	0.0018	U	0.0025	U
p-Isopropyltoluene	99-87-6	~	mg/kg	0.0013	U	0.0016	U	-	-	-	-	-	-	0.00095	U	0.002	U	-	-	0.0011	U	-	-	0.001	U	0.001	U	0.001	U	0.0029	U	0.0009	U	0.0012	U
p/m-Xylene	179601-23-1	~	mg/kg	0.0027	U	0.0032	U	-	-	-	-	-	-	0.0019	U	0.0041	U	-	-	0.0022	U	-	-	0.002	U	0.00071	J	0.0021	U	0.0017	J	0.0018	U	0.0025	U
sec-Butylbenzene	135-98-8	11	mg/kg	0.0013	U	0.0016	U	-	-	-	-	-	-	0.00095	U	0.002	U	-	-	0.0011	U	-	-	0.001	U	0.001	U	0.001	U	0.0029	U	0.0009	U	0.0012	U
Styrene	100-42-5	~	mg/kg	0.0013	U	0.0016	U	-	-	-	-	-	-	0.00095	U	0.002	U	-	-	0.0011	U	-	-	0.001	U	0.001	U	0.001	U	0.0029	U	0.0009	U	0.0012	U
tert-Butylbenzene	98-06-6	5.9	mg/kg	0.0027	U	0.0032	U	-	-	-	-	-	-	0.0019	U	0.0041	U	-	-	0.0022	U	-	-	0.002	U	0.002	U	0.0021	U	0.0058	U	0.0018	U	0.0025	U
Tetrachloroethene	127-18-4	1.3	mg/kg	0.00067	U	0.00081	U	-	-	-	-	-	-	0.00048	U	0.001	U	-	-	0.00056	U	-	-	0.0005	U	0.00051	U	0.00053	U	0.0014	U	0.00045	U	0.00062	U
Toluene	108-88-3	0.7	mg/kg	0.0013	U	0.0016	U	-	-	-	-	-	-	0.00095	U	0.002	U	-	-	0.0011	U	-	-	0.001	U	0.001	U	0.001	U	0.0029	U	0.0009	U	0.0012	U
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	0.002	U	0.0024	U	-	-	-	-	-	-	0.0014	U	0.0031	U	-	-	0.0017	U	-	-	0.0015	U	0.0015	U	0.0016	U	0.0043	U	0.0014	U	0.0019	U
trans-1,3-Dichloropropene	10061-02-6	~	mg/kg	0.0013	U	0.0016	U	-	-	-	-	-	-	0.00095	U	0.002	U	-	-	0.0011	U	-	-	0.001	U	0.001	U	0.001	U	0.0029	U	0.0009	U	0.0012	U
trans-1,4-Dichloro-2-butene	110-57-6	~	mg/kg	0.0067	U	0.0081	U	-	-	-	-	-	-	0.0048	U	0.01	U	-	-	0.0056	U	-	-	0.005	U	0.0051	U	0.0053	U	0.014	U	0.0045	U	0.0062	U
Trichloroethene	79-01-6	0.47	mg/kg	0.00067	U	0.00081	U	-	-	-	-	-	-	0.00048	U	0.001	U	-	-	0.00056	U	-	-	0.0005	U	0.00051	U	0.00053	U	0.0014	U	0.00045	U	0.00062	U
Trichlorofluoromethane	75-69-4	~	mg/kg	0.0054	U	0.0065	U	-	-	-	-	-	-	0.0038	U	0.0082	U	-	-	0.0045	U	-	-	0.004	U	0.0041	U	0.0042	U	0.012	U	0.0036	U	0.005	U
Vinyl acetate	108-05-4	~	mg/kg	0.013	U	0.016	U	-	-	-	-	-	-	0.0095	U	0.02	U	-	-	0.011	U	-	-	0.01	U	0.01	U	0.01	U	0.029	U	0.009	U	0.012	U
Vinyl chloride	75-01-4	0.02	mg/kg	0.0013	U	0.0016	U	-	-	-	-	-	-	0.00095	U	0.002	U	-	-	0.0011	U	-	-	0.001	U	0.001	U	0.001	U	0.0029	U	0.0009	U	0.0012	U
Xylenes, Total	1330-20-7	1.6	mg/kg	0.0013	U	0.0016	U	-	-	-	-	-	-	0.00095	U	0.002	U	-	-	0.0011	U	-	-	0.001	U	0.00071	J	0.001	U	0.0034	J	0.00053	J	0.0012	U

* Comparison is not performed on parameters with non-numeric criteria.
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs, effective December 14, 2006.

Table 3.4
Endpoint Analytical Data (7-11 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-26 04-30-24 8'		EP-31-021924		EP-33-022724		EP-34-022724		EP-36-03-11-24		EP-36 03-22-24 10'		EP-37-03-11-24		EP-37 03-22-24 10'		EP-38-051424 (8')		EP-38 05-17-24 10'		EP-38 061324 (12')		EP-38 071924 (13')		EP-39-050124 (9')		EP-40-050124 (9')		EP-41 08-09-24 8'		EP-46 02-21-24	
SAMPLING DATE				4/30/2024		2/19/2024		2/27/2024		2/27/2024		3/11/2024		3/22/2024		3/11/2024		3/22/2024		5/14/2024		5/17/2024		6/13/2024		7/19/2024		5/1/2024		5/1/2024		8/9/2024		2/21/2024	
LAB SAMPLE ID				L2423603-02		L2408990-02		L2410431-03		L2410431-04		L2413106-01		L2415851-01		L2413106-02		L2415851-03		L2426562-01		L2427610-06		L2433426-01		L2440891-01		L2423897-01		L2423897-02		L2445289-01		L2409420-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH				8		7-8		7		7		7-8		10		7-8		10		8		10		12		13		9		9		8		9	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																																			
Chromium, Hexavalent	18540-29-9	19	mg/kg	0.974	U	0.94	U	1.05	U	0.909	U	1.16	U	1.26	U	1.15	U	1.04	U	1.08	U	1.14	U	1.59	U	1.51	U	0.924	U	1.25	U	0.942	U	0.968	U
Cyanide, Total	57-12-5	40	mg/kg	1.2	U	1.1	U	1.3	U	1	U	-	-	1.5	U	-	-	0.97	J	-	-	-	-			1.8	U	1	U	1.4	U	1.1	U	1.2	U
Solids, Total	NONE	~	%	82.1		85.1		76		88		68.8		63.6		69.8		76.7		73.8		70		50.4		53		86.6		64.1		84.9		82.6	
Organochlorine Pesticides by GC																																			
4,4'-DDD	72-54-8	14	mg/kg	0.00185	U	0.0018	U	0.00202	U	0.00173	U	-	-	0.00247	U	-	-	0.00203	U	-	-	-	-	-	-	0.00296	U	0.0018	U	0.00241	U	0.00179	U	0.00192	U
4,4'-DDE	72-55-9	17	mg/kg	0.00185	U	0.0018	U	0.00202	U	0.00173	U	-	-	0.00247	U	-	-	0.00203	U	-	-	-	-	-	-	0.00296	U	0.0018	U	0.00241	U	0.00179	U	0.00192	U
4,4'-DDT	50-29-3	136	mg/kg	0.00185	U	0.0018	U	0.00202	U	0.00173	U	-	-	0.00247	U	-	-	0.00203	U	-	-	-	-	-	-	0.00296	U	0.0018	U	0.00241	U	0.00179	U	0.00192	U
Aldrin	309-00-2	0.19	mg/kg	0.00185	U	0.0018	U	0.00202	U	0.00173	U	-	-	0.00247	U	-	-	0.00203	U	-	-	-	-	-	-	0.00296	U	0.0018	U	0.00241	U	0.00179	U	0.00192	U
Alpha-BHC	319-84-6	0.02	mg/kg	0.00077	U	0.000749	U	0.000843	U	0.000722	U	-	-	0.00103	U	-	-	0.000845	U	-	-	-	-	-	-	0.00123	U	0.00075	U	0.001	U	0.000748	U	0.000798	U
Beta-BHC	319-85-7	0.09	mg/kg	0.00185	U	0.0018	U	0.00202	U	0.00173	U	-	-	0.00247	U	-	-	0.00203	U	-	-	-	-	-	-	0.00296	U	0.0018	U	0.00241	U	0.00179	U	0.00192	U
Chlordane	57-74-9	~	mg/kg	0.0154	U	0.015	U	0.0168	U	0.0144	U	-	-	0.0206	U	-	-	0.0169	U	-	-	-	-	-	-	0.0247	U	0.015	U	0.0201	U	0.015	U	0.016	U
cis-Chlordane	5103-71-9	2.9	mg/kg	0.00231	U	0.00225	U	0.00253	U	0.00217	U	-	-	0.00309	U	-	-	0.00253	U	-	-	-	-	-	-	0.0037	U	0.00225	U	0.00301	U	0.00224	U	0.0024	U
Delta-BHC	319-86-8	0.25	mg/kg	0.00185	U	0.0018	U	0.00202	U	0.00173	U	-	-	0.00247	U	-	-	0.00203	U	-	-	-	-	-	-	0.00296	U	0.0018	U	0.00241	U	0.00179	U	0.00192	U
Dieldrin	60-57-1	0.1	mg/kg	0.00116	U	0.00112	U	0.00126	U	0.00108	U	-	-	0.00154	U	-	-	0.00127	U	-	-	-	-	-	-	0.00185	U	0.00112	U	0.0015	U	0.00112	U	0.0012	U
Endosulfan I	959-98-8	102	mg/kg	0.00185	U	0.0018	U	0.00202	U	0.00173	U	-	-	0.00247	U	-	-	0.00203	U	-	-	-	-	-	-	0.00296	U	0.0018	U	0.00241	U	0.00179	U	0.00192	U
Endosulfan II	33213-65-9	102	mg/kg	0.00185	U	0.0018	U	0.00202	U	0.00173	U	-	-	0.00247	U	-	-	0.00203	U	-	-	-	-	-	-	0.00296	U	0.0018	U	0.00241	U	0.00179	U	0.00192	U
Endosulfan sulfate	1031-07-8	1000	mg/kg	0.00077	U	0.000749	U	0.000843	U	0.000722	U	-	-	0.00103	U	-	-	0.000845	U	-	-	-	-	-	-	0.00123	U	0.00075	U	0.001	U	0.000748	U	0.000798	U
Endrin	72-20-8	0.06	mg/kg	0.00077	U	0.000749	U	0.000843	U	0.000722	U	-	-	0.00103	U	-	-	0.000845	U	-	-	-	-	-	-	0.00123	U	0.00075	U	0.001	U	0.000748	U	0.000798	U
Endrin aldehyde	7421-93-4	~	mg/kg	0.00231	U	0.00225	U	0.00253	U	0.00217	U	-	-	0.00309	U	-	-	0.00253	U	-	-	-	-	-	-	0.0037	U	0.00225	U	0.00301	U	0.00224	U	0.0024	U
Endrin ketone	53494-70-5	~	mg/kg	0.00185	U	0.0018	U	0.00202	U	0.00173	U	-	-	0.00247	U	-	-	0.00203	U	-	-	-	-	-	-	0.00296	U	0.0018	U	0.00241	U	0.00179	U	0.00192	U
Heptachlor	76-44-8	0.38	mg/kg	0.000924	U	0.000899	U	0.00101	U	0.000867	U	-	-	0.00124	U	-	-	0.00101	U	-	-	-	-	-	-	0.00148	U	0.0009	U	0.0012	U	0.000897	U	0.000958	U
Heptachlor epoxide	1024-57-3	~	mg/kg	0.00347	U	0.00337	U	0.00379	U	0.00325	U	-	-	0.00464	U	-	-	0.0038	U	-	-	-	-	-	-	0.00555	U	0.00337	U	0.00451	U	0.00336	U	0.00359	U
Lindane	58-89-9	0.1	mg/kg	0.00077	U	0.000749	U	0.000843	U	0.000722	U	-	-	0.00103	U	-	-	0.000845	U	-	-	-	-	-	-	0.00123	U	0.00075	U	0.001	U	0.000748	U	0.000798	U
Methoxychlor	72-43-5	~	mg/kg	0.00347	U	0.00337	U	0.00379	U	0.00325	U	-	-	0.00464	U	-	-	0.0038	U	-	-	-	-	-	-	0.00555	U	0.00337	U	0.00451	U	0.00336	U	0.00359	U
Toxaphene	8001-35-2	~	mg/kg	0.0347	U	0.0337	U	0.0379	U	0.0325	U	-	-	0.0464	U	-	-	0.038	U	-	-	-	-	-	-	0.0555	U	0.0337	U	0.0451	U	0.0336	U	0.0359	U
trans-Chlordane	5103-74-2	~	mg/kg	0.00231	U	0.00225	U	0.00253	U	0.00217	U	-	-	0.00309	U	-	-	0.00253	U	-	-	-	-	-	-	0.0037	U	0.00225	U	0.00301	U	0.00224	U	0.0024	U
Perfluorinated Alkyl Acids by EPA 1633																																			
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8	39108-34-4	~	mg/kg	0.000794	U	0.000795	U	0.000795	U	0.000796	U	-	-	0.000797	U	-	-	0.00079	U	-	-	-	-	-	-	0.00079	U	0.000784	U	0.000788	U	0.000798	U	0.0008	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6	27619-97-2	~	mg/kg	0.000794	U	0.000795	U	0.000795	U	0.000796	U	-	-	0.000797	U	-	-	0.00079	U	-	-	-	-	-	-	0.000548	J	0.000784	U	0.000788	U	0.000798	U	0.0008	U
N-Ethyl Perfluorooctanesulfonamidoacetic Ac	2991-50-6	~	mg/kg	0.000198	U	0.000199	U	0.000199	U	0.000199	U	-	-	0.000199	U	-	-	0.000198	U	-	-	-	-	-	-	0.000198	U	0.000196	U	0.000197	U	0.0002	U	0.0002	U
N-Methyl Perfluorooctanesulfonamidoacetic	2355-31-9	~	mg/kg	0.000198	U	0.000199	U	0.000199	U	0.000199	U	-	-	0.000199	U	-	-	0.000198	U	-	-	-	-	-	-	0.000198	U	0.000196	U	0.000197	U	0.0002	U	0.0002	U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	0.000198	U	0.000199	U	0.000199	U	0.000199	U	-	-	0.000199	U	-	-	0.000198	U	-	-	-	-	-	-	0.000198	U	0.000196	U	0.000197	U	0.0002	U	0.0002	U
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	0.000794	U	0.000795	U	0.000795	U	0.000796	U	-	-	0.000118	J	-	-	0.00079	U	-	-	-	-	-	-	0.00079	U	0.000784	U	0.000788	U	0.000798	U	0.0008	U
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	0.000198	U	0.000199	U	0.000199	U	0.000199	U	-	-	0.000199	U	-	-	0.000198	U	-	-	-	-	-	-	0.000198	U	0.000196	U	0.000197	U	0.0002	U	0.0002	U
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	0.000198	U	0.000199	U	0.000199	U	0.000199	U	-	-	0.000199	U	-	-	0.000198	U	-	-	-	-	-	-	0.000198	U	0.000196	U	0.000197	U	0.0002	U	0.0002	U
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	0.000198	U	0.000199	U	0.000199	U	0.000199	U	-	-	0.000199	U	-	-	0.000198	U	-	-	-	-	-	-	0.000198	U	0.000196	U	0.000197	U	0.0002	U	0.0002	U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	0.000198	U	0.000199	U	0.000199	U	0.000199	U	-	-	0.000199	U	-	-	0.000198	U	-	-	-	-	-	-	0.000198	U	0.000196	U	0.000197	U	0.0002	U	0.0002	U
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	0.000198	U	0.000199	U	0.000199	U	0.000199	U	-	-	0.000028	J	-	-	0.000198	U	-	-	-	-	-	-	0.000198	U	0.000196	U	0.000197	U	0.0002	U	0.0002	U
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	0.000198	U	0.000121	J	0.000199	U	0.000199	U	-	-	0.000273		-	-	0.000729		-	-	-	-	-	-	0.000198	U	0.000196	U	0.000068	J	0.0002	U	0.0002	U
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	0.000198	U	0.000199	U	0.000199	U	0.000199	U	-	-	0.000096	J	-	-	0.000198	U	-	-	-	-	-	-	0.000198	U	0.000196	U	0.000197	U	0.0002	U	0.0002	U
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	0.000198	U	0.000199	U	0.000199	U	0.000199	U	-	-	0.000199	U	-	-	0.000198	U	-	-	-	-	-	-	0.000198	U	0.000196	U	0.000197	U	0.0002	U	0.0002	U
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	0.000198	U	0.000199	U	0.000199	U	0.000199	U	-	-	0.000199	U	-	-	0.000198	U	-	-	-	-	-	-	0.000198	U	0.000196	U	0.000197	U	0.0002	U	0.0002	U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	0.000152	J	0.000219		0.00023		0.000199	U	-	-	0.000199	U	-	-	0.000212		-	-	-	-	-	-	0.000198	U	0.000196	U	0.000197	U	0.0002	U	0.0002	U
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	0.000095	J	0.000199	U	0.000088	J	0.000199	U	-	-	0.000116	J	-	-	0.000136	J	-	-	-	-	-	-	0.000198	U	0.000064	J	0.000247		0.0002	U	0.0002	U
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	0.000397	U	0.000398	U	0.000398	U	0.000398	U	-	-	0.000398	U	-	-	0.000395	U	-	-	-	-	-	-	0.000395	U	0.000392	U	0.000394	U	0.000399	U	0.0004	U
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	0.000198	U	0.000199	U	0.000199	U	0.000199	U	-	-	0.000199	U	-	-	0.000198	U	-	-	-	-	-	-	0.000198	U	0.000196	U	0.000197	U	0.0002	U	0.0002	U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	0.000198	U	0.000199	U	0.000199	U	0.000199	U	-	-	0.000199	U	-	-	0.000198	U	-	-	-	-	-	-	0.000198	U	0.000196	U	0.000197	U	0.0002	U	0.0002	U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	0.000198	U	0.000199	U	0.000199	U	0.000199	U	-	-	0.000199	U	-	-	0.000198	U	-	-	-	-	-	-	0.000198	U	0.000196	U	0.000197	U	0.0002	U	0.0002	U
PFOA/PFOS, Total	null	~	mg/kg	0.000247	J	0.000219		0.000318	J	0.000199	U	-	-	0.000116	J	-	-	0.000348	J	-	-	-	-	-	-	0.000198	U	0.000064	J	0.000247		0.0002	U	0.0002	U
Polychlorinated Biphenyls by GC																																			
Aroclor 1016	12674-11-2	3.2	mg/kg	0.0573	U	0.0572	U	0.0617	U	0.0542	U	-	-	0.0777	U	-	-	0.0612	U	-	-	-	-	-	-	0.0914	U	0.0534	U	0.0733	U	0.0577	U	0.0597	U
Aroclor 1221	11104-28-2	3.2	mg/kg	0.0573	U	0.0572	U	0.0617	U	0.0542	U	-	-	0.0777	U	-	-	0.0612	U	-	-	-	-	-	-	0.0914	U	0.0534	U	0.0733	U	0.0577	U	0.0597	U
Aroclor 1232	11141-16-5	3.2	mg/kg	0.0573	U	0.0572	U	0.0617	U	0.0542	U	-	-	0.0777	U	-	-	0.0612	U	-	-	-	-	-	-	0.0914	U	0.0534	U	0.0733	U	0.0577	U	0.0597	U
Aroclor 1242	53469-21-9	3.2	mg/kg	0.0573	U	0.0572	U	0.0617	U	0.0542	U	-	-	0.0777	U	-	-	0.0612	U	-	-	-	-	-	-	0.0914	U	0.0534	U	0.0733	U	0.0577	U	0.0597	U
Aroclor 1248	12672-29-6	3.2	mg/kg	0.0573	U	0.0572	U	0.0617	U	0.0542	U	-	-	0.0777	U	-	-	0.0612	U	-	-	-	-	-	-	0.0914	U	0.0534	U	0.0733	U	0.0577	U	0.0597	U
Aroclor 1254	11097-69-1	3.2	mg/kg	0.0573	U	0.0572	U	0.0617	U	0.0542	U	-	-	0.0777	U	-	-	0.0612	U	-	-	-	-	-	-	0.0914	U	0.0534	U	0.0733	U	0.0266	J	0.0597	U
Aroclor 1260	11096-82-5	3.2	mg/kg	0.0573	U	0.0572	U	0.0617	U	0.0542	U	-	-	0.0777	U	-	-	0.0612	U	-	-	-	-	-	-	0.0914	U	0.0534	U	0.0733	U	0.0577	U	0.0597	U
Aroclor 1262	37324-23-5	3.2	mg/kg	0.0573	U	0.0572	U	0.0617	U	0.0542	U	-	-	0.0777	U	-	-	0.0612	U	-	-	-	-	-	-	0.0914	U	0.0534	U	0.0733	U	0.0577	U	0.0597	U
Aroclor 1268	11100-14-4	3.2	mg/kg	0.0573	U	0.0572	U	0.0617	U	0.0542	U	-	-	0.0777	U	-	-	0.0612	U	-	-	-	-	-	-	0.0914	U	0.0534	U	0.0733	U	0.0577	U	0.0597	U
PCBs, Total	1336-36-3	3.2	mg/kg	0.0573	U	0.0572	U	0.0617	U	0.0542	U	-	-	0.0777	U	-	-	0.0612	U	-	-	-	-	-	-	0.0914	U	0.0534	U	0.0733	U	0.0266	J	0.0597	U
Semivolatile Organics by GC/MS																																			
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.26	U	2.4	U	0.21	U	0.22	U	0.24	U	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.26	U	2.4	U	0.21	U	0.22	U	0.24	U	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.26	U	2.4	U	0.21	U	0.22	U	0.24	U	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.26	U	2.4	U	0.21	U	0.22	U	0.24	U	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.26	U	2.4	U	0.21	U	0.22	U	0.24	U	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.03	U	0.028	U	0.032	U	0.028	U	0.18	U	0.039	U	0.36	U	0.032	U	0.033	U	0.035	U	0.049	U	0.046	U	0.028	U	0.038	U	0.029	U	0.03	U
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.26	U	2.4	U	0.21	U	0.22	U	0.24	U	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	0.12	U	0.11	U	0.13	U	0.11	U	0.71	U	0.16	U	1.4	U	0.13	U	0.13	U	0.14	U	0.2	U	0.18	U	0.11	U	0.15	U	0.11	U	0.12	U
2,4-Dichlorophenol	120-83-2	~	mg/kg	0.18	U	0.17	U	0.19	U	0.17	U	1.1	U	0.23	U	2.1	U	0.19	U	0.2	U	0.21	U	0.29	U	0.28	U	0.17	U	0.23	U	0.17	U	0.18	U
2,4-Dimethylphenol	105-67-9	~	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.26	U	2.4	U	0.21	U	0.22	U	0.24	U	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
2,4-Dinitrophenol	51-28-5	~	mg/kg	0.96	U	0.91	U	1	U	0.9	U	5.7	U	1.2	U	11	U	1	U	1.1	U	1.1	U	1.6	U	1.5	U	0.91	U	1.2	U	0.92	U	0.95	U
2,4-Dinitrotoluene	121-14-2	~	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.26	U	2.4	U	0.21	U	0.22	U	0.24	U	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
2,6-Dinitrotoluene	606-20-2	~	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.26	U	2.4	U	0.21	U	0.22	U	0.24	U	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
2-Chloronaphthalene	91-58-7	~	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.26	U	2.4	U	0.21	U	0.22	U	0.24	U	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
2-Chlorophenol	95-57-8	~	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.26	U	2.4	U	0.21	U	0.22	U	0.24	U	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
2-Methylnaphthalene	91-57-6	~	mg/kg	0.084	J	0.23	U	0.26	U	0.22	U	1.4	U	0.048	J	2	J	0.25	U	0.11	J	0.11	J	0.05	J	0.37	U	0.23	U	0.19	J	0.23	U	0.24	U
2-Methylphenol	95-48-7	0.33	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.26	U	2.4	U	0.21	U	0.22	U	0.24	U	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
2-Nitroaniline	88-74-4	~	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.26	U	2.4	U	0.21	U	0.22	U	0.24	U	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
2-Nitrophenol	88-75-5	~	mg/kg	0.43	U	0.41	U	0.46	U	0.4	U	2.5	U	0.56	U	5.1	U	0.46	U	0.48	U	0.51	U	0.7	U	0.67	U	0.41	U	0.55	U	0.41	U	0.43	U

Table 3.4
Endpoint Analytical Data (7-11 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-26 04-30-24 8'		EP-31-021924		EP-33-022724		EP-34-022724		EP-36-03-11-24		EP-36 03-22-24 10'		EP-37-03-11-24		EP-37 03-22-24 10'		EP-38-051424 (8')		EP-38 05-17-24 10'		EP-38 061324 (12')		EP-38 071924 (13')		EP-39-050124 (9')		EP-40-050124 (9')		EP-41 08-09-24 8'		EP-46 02-21-24	
SAMPLING DATE				4/30/2024		2/19/2024		2/27/2024		2/27/2024		3/11/2024		3/22/2024		3/11/2024		3/22/2024		5/14/2024		5/17/2024		6/13/2024		7/19/2024		5/1/2024		5/1/2024		8/9/2024		2/21/2024	
LAB SAMPLE ID				L2423603-02		L2408990-02		L2410431-03		L2410431-04		L2413106-01		L2415851-01		L2413106-02		L2415851-03		L2426562-01		L2427610-06		L2433426-01		L2440891-01		L2423897-01		L2423897-02		L2445289-01		L2409420-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH				8		7-8		7		7		7-8		10		7-8		10		8		10		12		13		9		9		8		9	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.26	U	2.4	U	0.21	U	0.22	U	0.24	U	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	mg/kg	0.29	U	0.27	U	0.31	U	0.27	U	1.7	U	**0.35**	J	3.4	U	0.3	U	0.043	J	**1.2**		**0.67**		0.45	U	0.27	U	0.24	J	0.28	U	0.28	U
3-Nitroaniline	99-09-2	~	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.26	U	2.4	U	0.21	U	0.22	U	0.24	U	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	0.52	U	0.49	U	0.56	U	0.49	U	3.1	U	0.67	U	6.2	U	0.55	U	0.58	U	0.61	U	0.84	U	0.8	U	0.49	U	0.67	U	0.5	U	0.52	U
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.26	U	2.4	U	0.21	U	0.22	U	0.24	U	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
4-Chloroaniline	106-47-8	~	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.26	U	2.4	U	0.21	U	0.22	U	0.24	U	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.26	U	2.4	U	0.21	U	0.22	U	0.24	U	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
4-Nitroaniline	100-01-6	~	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.26	U	2.4	U	0.21	U	0.22	U	0.24	U	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
4-Nitrophenol	100-02-7	~	mg/kg	0.28	U	0.27	U	0.3	U	0.26	U	1.6	U	0.36	U	3.3	U	0.3	U	0.31	U	0.33	U	0.46	U	0.43	U	0.26	U	0.36	U	0.27	U	0.28	U
Acenaphthene	83-32-9	98	mg/kg	0.048	J	0.065	J	0.076	J	0.15	U	0.19	J	0.041	J	12		0.12	J	0.52		0.17	J	0.26	U	0.25	U	0.15	U	0.07	J	0.15	U	0.16	U
Acenaphthylene	208-96-8	107	mg/kg	0.12	J	0.098	J	0.17	U	0.15	U	3.3		0.21	U	4		0.17	U	0.64		0.096	J	0.26	U	0.25	U	0.15	U	0.11	J	0.15	U	0.16	U
Acetophenone	98-86-2	~	mg/kg	0.2	U	0.028	J	0.21	U	0.19	U	1.2	U	0.098	J	2.4	U	0.21	U	0.22	U	0.046	J	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
Anthracene	120-12-7	1000	mg/kg	0.13		0.14		0.18		0.04	J	0.69	J	0.066	J	29		0.047	J	1.2		0.52		0.079	J	0.18	U	0.11	U	0.33		0.11	U	0.12	U
Benzo(a)anthracene	56-55-3	1	mg/kg	0.25		0.33		0.45		0.11		**10**		0.1	J	**15**		0.035	J	**2.8**		**1.3**		0.16	J	0.18	U	0.059	J	0.79		0.041	J	0.12	U
Benzo(a)pyrene	50-32-8	22	mg/kg	0.4		0.32		0.44		0.1	J	**26**		0.087	J	21		0.17	U	3.8		1.3		0.16	J	0.25	U	0.056	J	0.78		0.15	U	0.16	U
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	0.38		0.39		0.5		0.12		**17**		0.11	J	**13**		0.13	U	**3.5**		1.5		0.19	J	0.18	U	0.062	J	0.91		0.05	J	0.12	U
Benzo(ghi)perylene	191-24-2	1000	mg/kg	0.32		0.24		0.29		0.061	J	20		0.051	J	14		0.17	U	2.9		0.6		0.093	J	0.25	U	0.034	J	0.43		0.026	J	0.16	U
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	0.12		0.14		0.15		0.03	J	**5**		0.16	U	**4.2**		0.13	U	1.2		0.52		0.06	J	0.18	U	0.11	U	0.33		0.11	U	0.12	U
Benzoic Acid	65-85-0	~	mg/kg	0.65	U	0.62	U	0.7	U	0.61	U	3.8	U	0.84	U	7.7	U	0.69	U	0.72	U	0.76	U	1	U	1	U	0.61	U	0.83	U	0.62	U	0.64	U
Benzyl Alcohol	100-51-6	~	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.26	U	2.4	U	0.21	U	0.22	U	0.24	U	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
Biphenyl	92-52-4	~	mg/kg	0.064	J	0.43	U	0.49	U	0.43	U	2.7	U	0.59	U	1.4	J	0.48	U	0.043	J	0.036	J	0.74	U	0.71	U	0.43	U	0.06	J	0.44	U	0.45	U
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	0.22	U	0.2	U	0.23	U	0.2	U	1.3	U	0.28	U	2.6	U	0.23	U	0.24	U	0.26	U	0.35	U	0.33	U	0.2	U	0.28	U	0.21	U	0.21	U
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	0.18	U	0.17	U	0.19	U	0.17	U	1.1	U	0.23	U	2.1	U	0.19	U	0.2	U	0.21	U	0.29	U	0.28	U	0.17	U	0.23	U	0.17	U	0.18	U
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	0.24	U	0.23	U	0.26	U	0.22	U	1.4	U	0.31	U	2.8	U	0.25	U	0.27	U	0.28	U	0.39	U	0.37	U	0.23	U	0.31	U	0.23	U	0.24	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.26	U	2.4	U	0.21	U	0.22	U	0.24	U	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
Butyl benzyl phthalate	85-68-7	~	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.26	U	2.4	U	0.21	U	0.22	U	0.24	U	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
Carbazole	86-74-8	~	mg/kg	0.2	U	0.044	J	0.054	J	0.19	U	1.2	U	0.042	J	2.4	U	0.21	U	0.37		0.15	J	0.056	J	0.31	U	0.19	U	0.079	J	0.19	U	0.2	U
Chrysene	218-01-9	1	mg/kg	0.26		0.32		0.41		0.1	J	**7.7**		0.1	J	**13**		0.028	J	**2.6**		**1.3**		0.15	J	0.18	U	0.052	J	0.78		0.037	J	0.12	U
Di-n-butylphthalate	84-74-2	~	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.26	U	2.4	U	0.21	U	0.22	U	0.24	U	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
Di-n-octylphthalate	117-84-0	~	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.26	U	2.4	U	0.21	U	0.22	U	0.24	U	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	0.044	J	0.047	J	0.052	J	0.11	U	2		0.16	U	1.4		0.13	U	0.41		0.17		0.2	U	0.18	U	0.11	U	0.12	J	0.11	U	0.12	U
Dibenzofuran	132-64-9	210	mg/kg	0.027	J	0.036	J	0.034	J	0.19	U	1.2	U	0.055	J	2.4	U	0.21	U	0.24		0.13	J	0.058	J	0.31	U	0.19	U	0.15	J	0.19	U	0.2	U
Diethyl phthalate	84-66-2	~	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.26	U	2.4	U	0.21	U	0.22	U	0.24	U	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
Dimethyl phthalate	131-11-3	~	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.26	U	2.4	U	0.21	U	0.22	U	0.24	U	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
Fluoranthene	206-44-0	1000	mg/kg	0.51		0.8		1.1		0.23		10		0.26		37		0.082	J	4.6		2.7		0.36		0.18	U	0.11		1.4		0.083	J	0.12	U
Fluorene	86-73-7	386	mg/kg	0.082	J	0.058	J	0.055	J	0.19	U	0.18	J	0.052	J	8.8		0.049	J	0.49		0.22	J	0.057	J	0.31	U	0.19	U	0.16	J	0.19	U	0.2	U
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.12	U	0.11	U	0.13	U	0.11	U	0.71	U	0.16	U	1.4	U	0.13	U	0.13	U	0.14	U	0.2	U	0.18	U	0.11	U	0.15	U	0.11	U	0.12	U
Hexachlorobutadiene	87-68-3	~	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.26	U	2.4	U	0.21	U	0.22	U	0.24	U	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	0.57	U	0.54	U	0.61	U	0.54	U	3.4	U	0.74	U	6.8	U	0.61	U	0.64	U	0.68	U	0.93	U	0.89	U	0.54	U	0.73	U	0.55	U	0.57	U
Hexachloroethane	67-72-1	~	mg/kg	0.16	U	0.15	U	0.17	U	0.15	U	0.94	U	0.21	U	1.9	U	0.17	U	0.18	U	0.19	U	0.26	U	0.25	U	0.15	U	0.2	U	0.15	U	0.16	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	0.18		0.21		0.26		0.054	J	**10**		0.052	J	7.2		0.17	U	2.2		0.65		0.075	J	0.25	U	0.032	J	0.42		0.15	U	0.16	U
Isophorone	78-59-1	~	mg/kg	0.18	U	0.17	U	0.19	U	0.17	U	1.1	U	0.23	U	2.1	U	0.19	U	0.2	U	0.21	U	0.29	U	0.28	U	0.17	U	0.23	U	0.17	U	0.18	U
\	621-64-7	~	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.26	U	2.4	U	0.21	U	0.22	U	0.24	U	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
Naphthalene	91-20-3	12	mg/kg	0.41		0.046	J	0.21	U	0.19	U	0.31	J	0.18	J	5.8		0.068	J	0.26		0.3		0.21	J	0.31	U	0.19	U	0.59		0.077	J	0.2	U
NDPA/DPA	86-30-6	~	mg/kg	0.16	U	0.15	U	0.17	U	0.15	U	0.94	U	0.21	U	1.9	U	0.17	U	0.18	U	0.19	U	0.26	U	0.25	U	0.15	U	0.2	U	0.15	U	0.16	U
Nitrobenzene	98-95-3	~	mg/kg	0.18	U	0.17	U	0.19	U	0.17	U	1.1	U	0.23	U	2.1	U	0.19	U	0.2	U	0.21	U	0.29	U	0.28	U	0.17	U	0.23	U	0.17	U	0.18	U
p-Chloro-m-cresol	59-50-7	~	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.26	U	2.4	U	0.21	U	0.22	U	0.24	U	0.32	U	0.31	U	0.19	U	0.26	U	0.19	U	0.2	U
Pentachlorophenol	87-86-5	0.8	mg/kg	0.16	U	0.15	U	0.17	U	0.15	U	0.94	U	0.21	U	1.9	U	0.17	U	0.18	U	0.19	U	0.26	U	0.25	U	0.15	U	0.2	U	0.15	U	0.16	U
Phenanthrene	85-01-8	1000	mg/kg	0.49		0.58		0.82		0.14		0.6	J	0.28		55		0.15		3.9		1.7		0.28		0.18	U	0.12		0.93		0.055	J	0.12	U
Phenol	108-95-2	0.33	mg/kg	0.2	U	0.19	U	0.21	U	0.19	U	1.2	U	0.048	J	2.4	U	0.21	U	0.22	U	0.082	J	0.32	U	0.31	U	0.19	U	0.084	J	0.19	U	**0.41**	
Pyrene	129-00-0	1000	mg/kg	0.68		0.74		0.95		0.2		15		0.19		62		0.11	J	5.6		2.3		0.31		0.18	U	0.1	J	1.2		0.077	J	0.12	U
Total Metals																																			
Aluminum, Total	7429-90-5	~	mg/kg	6790		8460		8230		8150		-	-	9840		-	-	4760		-	-	-	-	-	-	15100		6700		7360		7520		8000	
Antimony, Total	7440-36-0	~	mg/kg	4.68	U	0.93	J	0.804	J	0.758	J	-	-	0.811	J	-	-	0.414	J	-	-	-	-	-	-	7.3	U	4.35	U	0.758	J	4.59		4.69	U
Arsenic, Total	7440-38-2	16	mg/kg	4.04		4.84		6.22		5.73		11.6		6.99		8.64		1.76		15.1		13.6		**23.6**		12.2		2.34		11.5		5.3		4.16	
Barium, Total	7440-39-3	820	mg/kg	45.6		71.9		47.9		48.8		-	-	74.6		-	-	42.8		-	-	-	-	-	-	24.1		35.9		183		46.8		51.8	
Beryllium, Total	7440-41-7	47	mg/kg	0.336	J	0.597		0.439	J	0.418	J	-	-	0.396	J	-	-	0.324	J	-	-	-	-	-	-	0.782		0.347	J	0.73		0.5		0.467	J
Cadmium, Total	7440-43-9	7.5	mg/kg	0.936	U	0.131	J	1.01	U	0.884	U	-	-	1.2	U	-	-	1.02	U	-	-	-	-	-	-	0.214	J	0.87	U	1.21	U	0.114	J	0.938	U
Calcium, Total	7440-70-2	~	mg/kg	12700		1580		4370		4120		-	-	2590		-	-	1790		-	-	-	-	-	-	3070		3780		3940		1730		1780	
Chromium, Total	7440-47-3	~	mg/kg	12.2		20.2		13.7		12.4		-	-	22.6		-	-	11		-	-	-	-	-	-	30.9		16.1		14.3		15.5		13.1	
Cobalt, Total	7440-48-4	~	mg/kg	4.75		15.1		5.69		6.11		-	-	4.92		-	-	4.4		-	-	-	-	-	-	10		5.3		6.25		4.75		5.47	
Copper, Total	7440-50-8	1720	mg/kg	16.6		32.6		22.2		34.3		-	-	40.6		-	-	19.6		-	-	-	-	-	-	15.8		14		58		27.4		13.4	
Iron, Total	7439-89-6	~	mg/kg	11500		13400		14400		14800		-	-	19300		-	-	9520		-	-	-	-	-	-	36800		11900		14600		12000		13400	
Lead, Total	7439-92-1	450	mg/kg	76.5		108		104		124		-	-	186		-	-	61.4		-	-	-	-	-	-	15		50.6		359		90.3		84	
Magnesium, Total	7439-95-4	~	mg/kg	2680		4020		2690		2660		-	-	3860		-	-	2320		-	-	-	-	-	-	6790		2580		1600		1550		2230	
Manganese, Total	7439-96-5	2000	mg/kg	223		136		146		187		-	-	140		-	-	82.4		-	-	-	-	-	-	389		232		101		115		165	
Mercury, Total	7439-97-6	0.73	mg/kg	0.521		**2.36**		0.22		0.565		-	-	**0.938**		-	-	**1.37**		-	-	-	-	-	-	0.121	U	0.108		**0.852**		0.284		0.285	
Nickel, Total	7440-02-0	130	mg/kg	17.1		69.6		18.9		20.4		-	-	22		-	-	18.2		-	-	-	-	-	-	27		21.3		18.1		10.6		19.7	
Potassium, Total	7440-09-7	~	mg/kg	610		1470		798		752		-	-	1620		-	-	900		-	-	-	-	-	-	2770		839		911		554		939	
Selenium, Total	7782-49-2	4	mg/kg	1.87	U	0.335	J	0.86	J	1.77	U	-	-	0.865	J	-	-	0.304	J	-	-	-	-	-	-	2.92	U	0.333	J	1.76	J	0.255	J	0.365	J
Silver, Total	7440-22-4	8.3	mg/kg	0.468	U	0.461	U	0.506	U	0.442	U	-	-	0.599	U	-	-	0.508	U	-	-	-	-	-	-	0.73	U	0.435	U	0.606	U	0.448	U	0.469	U
Sodium, Total	7440-23-5	~	mg/kg	153	J	187		134	J	183		-	-	600		-	-	204		-	-	-	-	-	-	1300		206		454		155	J	322	
Thallium, Total	7440-28-0	~	mg/kg	1.87	U	0.67	J	2.02	U	1.77	U	-	-	0.378	J	-	-	2.03	U	-	-	-	-	-	-	0.486	J	1.74	U	2.42	U	1.79	U	0.359	J
Vanadium, Total	7440-62-2	~	mg/kg	16.8		26.7		20.9		17.6		-	-	29		-	-	18.4		-	-	-	-	-	-	34.9		20.1		29.6		15.6		21.1	
Zinc, Total	7440-66-6	2480	mg/kg	37.8		92.6		46.9		53.3		-	-	61.1		-	-	36.4		-	-	-	-	-	-	72.4		33.2		106		135		50.5	
Volatile Organics by EPA 5035																																			
1,1,1,2-Tetrachloroethane	630-20-6	~	mg/kg	0.00065	U	0.00072	U	0.00056	U	0.00049	U	-	-	0.00089	U	-	-	0.00058	U	-	-	-	-	-	-	0.0011	U	0.00045	U	0.00082	U	0.00054	U	0.0005	U
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	0.00065	U	0.00072	U	0.00056	U	0.00049	U	-	-	0.00089	U	-	-	0.00058	U	-	-	-	-	-	-	0.0011	U	0.00045	U	0.00082	U	0.00054	U	0.0005	U
1,1,2,2-Tetrachloroethane	79-34-5	~	mg/kg	0.00065	U	0.00072	U	0.00056	U	0.00049	U	-	-	0.00089	U	-	-	0.00058	U	-	-	-	-	-	-	0.0011	U	0.00045	U	0.00082	U	0.00054	U	0.0005	U
1,1,2-Trichloroethane	79-00-5	~	mg/kg	0.0013	U	0.0014	U	0.0011	U	0.00098	U	-	-	0.0018	U	-	-	0.0012	U	-	-	-	-	-	-	0.0022	U	0.0009	U	0.0016	U	0.0011	U	0.00099	U
1,1-Dichloroethane	75-34-3	0.27	mg/kg	0.0013	U	0.0014	U	0.0011	U	0.00098	U	-	-	0.0018	U	-	-	0.0012	U	-	-	-	-	-	-	0.0022	U	0.0009	U	0.0016	U	0.0011	U	0.00099	U
1,1-Dichloroethene	75-35-4	0.33	mg/kg	0.0013	U	0.0014	U	0.0011	U	0.00098	U	-	-	0.0018	U	-	-	0.0012	U	-	-	-	-	-	-	0.0022	U	0.0009	U	0.0016	U	0.0011	U	0.00099	U

Table 3.4
Endpoint Analytical Data (7-11 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-26 04-30-24 8'		EP-31-021924		EP-33-022724		EP-34-022724		EP-36-03-11-24		EP-36 03-22-24 10'		EP-37-03-11-24		EP-37 03-22-24 10'		EP-38-051424 (8')		EP-38 05-17-24 10'		EP-38 061324 (12')		EP-38 071924 (13')		EP-39-050124 (9')		EP-40-050124 (9')		EP-41 08-09-24 8'		EP-46 02-21-24	
SAMPLING DATE				4/30/2024		2/19/2024		2/27/2024		2/27/2024		3/11/2024		3/22/2024		3/11/2024		3/22/2024		5/14/2024		5/17/2024		6/13/2024		7/19/2024		5/1/2024		5/1/2024		8/9/2024		2/21/2024	
LAB SAMPLE ID				L2423603-02		L2408990-02		L2410431-03		L2410431-04		L2413106-01		L2415851-01		L2413106-02		L2415851-03		L2426562-01		L2427610-06		L2433426-01		L2440891-01		L2423897-01		L2423897-02		L2445289-01		L2409420-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH				8		7-8		7		7		7-8		10		7-8		10		8		10		12		13		9		9		8		9	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1-Dichloropropene	563-58-6	~	mg/kg	0.00065	U	0.00072	U	0.00056	U	0.00049	U	-	-	0.00089	U	-	-	0.00058	U	-	-	-	-	-	-	0.0011	U	0.00045	U	0.00082	U	0.00054	U	0.0005	U
1,2,3-Trichlorobenzene	87-61-6	~	mg/kg	0.0026	U	0.0029	U	0.0022	U	0.002	U	-	-	0.0036	U	-	-	0.0023	U	-	-	-	-	-	-	0.0044	U	0.0018	U	0.0033	U	0.0022	U	0.002	U
1,2,3-Trichloropropane	96-18-4	~	mg/kg	0.0026	U	0.0029	U	0.0022	U	0.002	U	-	-	0.0036	U	-	-	0.0023	U	-	-	-	-	-	-	0.0044	U	0.0018	U	0.0033	U	0.0022	U	0.002	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	mg/kg	0.0026	U	0.039		0.0022	U	0.002	U	-	-	0.0036	U	-	-	0.0023	U	-	-	-	-	-	-	0.0044	U	0.0018	U	0.0033	U	0.0022	U	0.002	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.0026	U	0.0029	U	0.0022	U	0.002	U	-	-	0.0036	U	-	-	0.0023	U	-	-	-	-	-	-	0.0044	U	0.0018	U	0.0033	U	0.0022	U	0.002	U
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	0.0026	U	0.00068	J	0.0022	U	0.002	U	-	-	0.0036	U	-	-	0.0023	U	-	-	-	-	-	-	0.0044	U	0.0018	U	0.0033	U	0.0022	U	0.002	U
1,2-Dibromo-3-chloropropane	96-12-8	~	mg/kg	0.0039	U	0.0043	U	0.0034	U	0.0029	U	-	-	0.0054	U	-	-	0.0035	U	-	-	-	-	-	-	0.0066	U	0.0027	U	0.0049	U	0.0033	U	0.003	U
1,2-Dibromoethane	106-93-4	~	mg/kg	0.0013	U	0.0014	U	0.0011	U	0.00098	U	-	-	0.0018	U	-	-	0.0012	U	-	-	-	-	-	-	0.0022	U	0.0009	U	0.0016	U	0.0011	U	0.00099	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.0026	U	0.0029	U	0.0022	U	0.002	U	-	-	0.0036	U	-	-	0.0023	U	-	-	-	-	-	-	0.0044	U	0.0018	U	0.0033	U	0.0022	U	0.002	U
1,2-Dichloroethane	107-06-2	0.02	mg/kg	0.0013	U	0.0014	U	0.0011	U	0.00098	U	-	-	0.0018	U	-	-	0.0012	U	-	-	-	-	-	-	0.0022	U	0.0009	U	0.0016	U	0.0011	U	0.00099	U
1,2-Dichloroethene, Total	540-59-0	~	mg/kg	0.0013	U	0.0014	U	0.0011	U	0.00098	U	-	-	0.0018	U	-	-	0.0012	U	-	-	-	-	-	-	0.0022	U	0.0009	U	0.0016	U	0.0011	U	0.00099	U
1,2-Dichloropropane	78-87-5	~	mg/kg	0.0013	U	0.0014	U	0.0011	U	0.00098	U	-	-	0.0018	U	-	-	0.0012	U	-	-	-	-	-	-	0.0022	U	0.0009	U	0.0016	U	0.0011	U	0.00099	U
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	0.0026	U	0.00037	J	0.0022	U	0.002	U	-	-	0.0036	U	-	-	0.0023	U	-	-	-	-	-	-	0.0044	U	0.0018	U	0.0033	U	0.0022	U	0.002	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.0026	U	0.0029	U	0.0022	U	0.002	U	-	-	0.0036	U	-	-	0.0023	U	-	-	-	-	-	-	0.0044	U	0.0018	U	0.0033	U	0.0022	U	0.002	U
1,3-Dichloropropane	142-28-9	~	mg/kg	0.0026	U	0.0029	U	0.0022	U	0.002	U	-	-	0.0036	U	-	-	0.0023	U	-	-	-	-	-	-	0.0044	U	0.0018	U	0.0033	U	0.0022	U	0.002	U
1,3-Dichloropropene, Total	542-75-6	~	mg/kg	0.00065	U	0.00072	U	0.00056	U	0.00049	U	-	-	0.00089	U	-	-	0.00058	U	-	-	-	-	-	-	0.0011	U	0.00045	U	0.00082	U	0.00054	U	0.0005	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.0026	U	0.0029	U	0.0022	U	0.002	U	-	-	0.0036	U	-	-	0.0023	U	-	-	-	-	-	-	0.0044	U	0.0018	U	0.0033	U	0.0022	U	0.002	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.1	U	0.12	U	0.09	U	0.079	U	-	-	0.14	U	-	-	0.093	U	-	-	-	-	-	-	0.18	U	0.072	U	0.13	U	0.087	U	0.079	U
2,2-Dichloropropane	594-20-7	~	mg/kg	0.0026	U	0.0029	U	0.0022	U	0.002	U	-	-	0.0036	U	-	-	0.0023	U	-	-	-	-	-	-	0.0044	U	0.0018	U	0.0033	U	0.0022	U	0.002	U
2-Butanone	78-93-3	0.12	mg/kg	0.016		0.0049	J	0.0056	J	0.0054	J	-	-	0.0095	J	-	-	0.015		-	-	-	-	-	-	0.0051	J	0.0046	J	0.018		0.0058	J	0.0041	J
2-Hexanone	591-78-6	~	mg/kg	0.013	U	0.014	U	0.011	U	0.0098	U	-	-	0.018	U	-	-	0.012	U	-	-	-	-	-	-	0.022	U	0.009	U	0.016	U	0.011	U	0.0099	U
4-Methyl-2-pentanone	108-10-1	~	mg/kg	0.013	U	0.014	U	0.011	U	0.0098	U	-	-	0.018	U	-	-	0.012	U	-	-	-	-	-	-	0.022	U	0.009	U	0.016	U	0.011	U	0.0099	U
Acetone	67-64-1	0.05	mg/kg	**0.12**		0.026		0.034		0.037		-	-	0.043		-	-	**0.1**		-	-	-	-	-	-	0.035		0.027		**0.096**		0.042		0.021	
Acrylonitrile	107-13-1	~	mg/kg	0.0052	U	0.0058	U	0.0045	U	0.0039	U	-	-	0.0071	U	-	-	0.0046	U	-	-	-	-	-	-	0.0089	U	0.0036	U	0.0066	U	0.0044	U	0.004	U
Benzene	71-43-2	0.06	mg/kg	0.00065	U	0.00032	J	0.00056	U	0.00049	U	-	-	0.00089	U	-	-	0.00058	U	-	-	-	-	-	-	0.0011	U	0.00045	U	0.00082	U	0.00054	U	0.0005	U
Bromobenzene	108-86-1	~	mg/kg	0.0026	U	0.0029	U	0.0022	U	0.002	U	-	-	0.0036	U	-	-	0.0023	U	-	-	-	-	-	-	0.0044	U	0.0018	U	0.0033	U	0.0022	U	0.002	U
Bromochloromethane	74-97-5	~	mg/kg	0.0026	U	0.0029	U	0.0022	U	0.002	U	-	-	0.0036	U	-	-	0.0023	U	-	-	-	-	-	-	0.0044	U	0.0018	U	0.0033	U	0.0022	U	0.002	U
Bromodichloromethane	75-27-4	~	mg/kg	0.00065	U	0.00072	U	0.00056	U	0.00049	U	-	-	0.00089	U	-	-	0.00058	U	-	-	-	-	-	-	0.0011	U	0.00045	U	0.00082	U	0.00054	U	0.0005	U
Bromoform	75-25-2	~	mg/kg	0.0052	U	0.0058	U	0.0045	U	0.0039	U	-	-	0.0071	U	-	-	0.0046	U	-	-	-	-	-	-	0.0089	U	0.0036	U	0.0066	U	0.0044	U	0.004	U
Bromomethane	74-83-9	~	mg/kg	0.0026	U	0.0029	U	0.0022	U	0.002	U	-	-	0.0036	U	-	-	0.0023	U	-	-	-	-	-	-	0.0044	U	0.0018	U	0.0033	U	0.0022	U	0.002	U
Carbon disulfide	75-15-0	~	mg/kg	0.013	U	0.014	U	0.011	U	0.0098	U	-	-	0.018	U	-	-	0.012	U	-	-	-	-	-	-	0.022	U	0.009	U	0.016	U	0.011	U	0.0099	U
Carbon tetrachloride	56-23-5	0.76	mg/kg	0.0013	U	0.0014	U	0.0011	U	0.00098	U	-	-	0.0018	U	-	-	0.0012	U	-	-	-	-	-	-	0.0022	U	0.0009	U	0.0016	U	0.0011	U	0.00099	U
Chlorobenzene	108-90-7	1.1	mg/kg	0.00065	U	0.00072	U	0.00056	U	0.00049	U	-	-	0.00089	U	-	-	0.00058	U	-	-	-	-	-	-	0.0011	U	0.00045	U	0.00082	U	0.00054	U	0.0005	U
Chloroethane	75-00-3	~	mg/kg	0.0026	U	0.0029	U	0.0022	U	0.002	U	-	-	0.0036	U	-	-	0.0023	U	-	-	-	-	-	-	0.0044	U	0.0018	U	0.0033	U	0.0022	U	0.002	U
Chloroform	67-66-3	0.37	mg/kg	0.002	U	0.0022	U	0.0017	U	0.0015	U	-	-	0.0027	U	-	-	0.0017	U	-	-	-	-	-	-	0.0033	U	0.0013	U	0.0025	U	0.0016	U	0.0015	U
Chloromethane	74-87-3	~	mg/kg	0.0052	U	0.0058	U	0.0045	U	0.0039	U	-	-	0.0071	U	-	-	0.0046	U	-	-	-	-	-	-	0.0089	U	0.0036	U	0.0066	U	0.0044	U	0.004	U
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	0.0013	U	0.0014	U	0.0011	U	0.00098	U	-	-	0.0018	U	-	-	0.0012	U	-	-	-	-	-	-	0.0022	U	0.0009	U	0.0016	U	0.0011	U	0.00099	U
cis-1,3-Dichloropropene	10061-01-5	~	mg/kg	0.00065	U	0.00072	U	0.00056	U	0.00049	U	-	-	0.00089	U	-	-	0.00058	U	-	-	-	-	-	-	0.0011	U	0.00045	U	0.00082	U	0.00054	U	0.0005	U
Dibromochloromethane	124-48-1	~	mg/kg	0.0013	U	0.0014	U	0.0011	U	0.00098	U	-	-	0.0018	U	-	-	0.0012	U	-	-	-	-	-	-	0.0022	U	0.0009	U	0.0016	U	0.0011	U	0.00099	U
Dibromomethane	74-95-3	~	mg/kg	0.0026	U	0.0029	U	0.0022	U	0.002	U	-	-	0.0036	U	-	-	0.0023	U	-	-	-	-	-	-	0.0044	U	0.0018	U	0.0033	U	0.0022	U	0.002	U
Dichlorodifluoromethane	75-71-8	~	mg/kg	0.013	U	0.014	U	0.011	U	0.0098	U	-	-	0.018	U	-	-	0.012	U	-	-	-	-	-	-	0.022	U	0.009	U	0.016	U	0.011	U	0.0099	U
Ethyl ether	60-29-7	~	mg/kg	0.0026	U	0.0029	U	0.0022	U	0.002	U	-	-	0.0036	U	-	-	0.0023	U	-	-	-	-	-	-	0.0044	U	0.0018	U	0.0033	U	0.0022	U	0.002	U
Ethylbenzene	100-41-4	1	mg/kg	0.0013	U	0.00046	J	0.0011	U	0.00098	U	-	-	0.0018	U	-	-	0.0012	U	-	-	-	-	-	-	0.0022	U	0.0009	U	0.0016	U	0.0011	U	0.00099	U
Hexachlorobutadiene	87-68-3	~	mg/kg	0.0052	U	0.0058	U	0.0045	U	0.0039	U	-	-	0.0071	U	-	-	0.0046	U	-	-	-	-	-	-	0.0089	U	0.0036	U	0.0066	U	0.0044	U	0.004	U
Isopropylbenzene	98-82-8	~	mg/kg	0.0013	U	0.00042	J	0.0011	U	0.00098	U	-	-	0.0018	U	-	-	0.0012	U	-	-	-	-	-	-	0.0022	U	0.0009	U	0.0016	U	0.0011	U	0.00099	U
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	0.0026	U	0.0029	U	0.0022	U	0.002	U	-	-	0.0036	U	-	-	0.0023	U	-	-	-	-	-	-	0.0044	U	0.0018	U	0.0033	U	0.0022	U	0.002	U
Methylene chloride	75-09-2	0.05	mg/kg	0.0065	U	0.0072	U	0.0056	U	0.0049	U	-	-	0.0089	U	-	-	0.0058	U	-	-	-	-	-	-	0.011	U	0.0045	U	0.0082	U	0.0054	U	0.005	U
n-Butylbenzene	104-51-8	12	mg/kg	0.0013	U	0.0027		0.0011	U	0.00098	U	-	-	0.0018	U	-	-	0.0012	U	-	-	-	-	-	-	0.0022	U	0.0009	U	0.0016	U	0.0011	U	0.00099	U
n-Propylbenzene	103-65-1	3.9	mg/kg	0.0013	U	0.00064	J	0.0011	U	0.00098	U	-	-	0.0018	U	-	-	0.0012	U	-	-	-	-	-	-	0.0022	U	0.0009	U	0.0016	U	0.0011	U	0.00099	U
Naphthalene	91-20-3	12	mg/kg	0.0044	J	0.0016	J	0.0045	U	0.003	J	-	-	0.0071	U	-	-	0.003	J	-	-	-	-	-	-	0.0089	U	0.0036	U	0.0066	U	0.0044	U	0.004	U
o-Chlorotoluene	95-49-8	~	mg/kg	0.0026	U	0.0029	U	0.0022	U	0.002	U	-	-	0.0036	U	-	-	0.0023	U	-	-	-	-	-	-	0.0044	U	0.0018	U	0.0033	U	0.0022	U	0.002	U
o-Xylene	95-47-6	~	mg/kg	0.0013	U	0.00051	J	0.0011	U	0.00098	U	-	-	0.0018	U	-	-	0.0012	U	-	-	-	-	-	-	0.0022	U	0.0009	U	0.0016	U	0.0011	U	0.00099	U
p-Chlorotoluene	106-43-4	~	mg/kg	0.0026	U	0.0029	U	0.0022	U	0.002	U	-	-	0.0036	U	-	-	0.0023	U	-	-	-	-	-	-	0.0044	U	0.0018	U	0.0033	U	0.0022	U	0.002	U
p-Diethylbenzene	105-05-5	~	mg/kg	0.0026	U	0.0054		0.0022	U	0.002	U	-	-	0.0036	U	-	-	0.0023	U	-	-	-	-	-	-	0.0044	U	0.0018	U	0.0033	U	0.0022	U	0.002	U
p-Ethyltoluene	622-96-8	~	mg/kg	0.0026	U	0.00065	J	0.0022	U	0.002	U	-	-	0.0036	U	-	-	0.0023	U	-	-	-	-	-	-	0.0044	U	0.0018	U	0.0033	U	0.0022	U	0.002	U
p-Isopropyltoluene	99-87-6	~	mg/kg	0.0013	U	0.0014	U	0.0011	U	0.00022	J	-	-	0.0018	U	-	-	0.0012	U	-	-	-	-	-	-	0.0022	U	0.0009	U	0.0016	U	0.0011	U	0.00099	U
p/m-Xylene	179601-23-1	~	mg/kg	0.0026	U	0.0011	J	0.0022	U	0.002	U	-	-	0.0036	U	-	-	0.0023	U	-	-	-	-	-	-	0.0044	U	0.0018	U	0.0033	U	0.0022	U	0.002	U
sec-Butylbenzene	135-98-8	11	mg/kg	0.0013	U	0.0035		0.0011	U	0.00098	U	-	-	0.0018	U	-	-	0.0012	U	-	-	-	-	-	-	0.0022	U	0.0009	U	0.0016	U	0.0011	U	0.00099	U
Styrene	100-42-5	~	mg/kg	0.0013	U	0.0014	U	0.0011	U	0.00098	U	-	-	0.0018	U	-	-	0.0012	U	-	-	-	-	-	-	0.0022	U	0.0009	U	0.0016	U	0.0011	U	0.00099	U
tert-Butylbenzene	98-06-6	5.9	mg/kg	0.0026	U	0.0011	J	0.0022	U	0.002	U	-	-	0.0036	U	-	-	0.0023	U	-	-	-	-	-	-	0.0044	U	0.0018	U	0.0033	U	0.0022	U	0.002	U
Tetrachloroethene	127-18-4	1.3	mg/kg	0.00065	U	0.00072	U	0.00056	U	0.00049	U	-	-	0.00089	U	-	-	0.00058	U	-	-	-	-	-	-	0.0011	U	0.00045	U	0.00082	U	0.00054	U	0.0005	U
Toluene	108-88-3	0.7	mg/kg	0.0013	U	0.0014	U	0.0011	U	0.00098	U	-	-	0.0018	U	-	-	0.0012	U	-	-	-	-	-	-	0.0022	U	0.0009	U	0.0016	U	0.0011	U	0.00099	U
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	0.002	U	0.0022	U	0.0017	U	0.0015	U	-	-	0.0027	U	-	-	0.0017	U	-	-	-	-	-	-	0.0033	U	0.0013	U	0.0025	U	0.0016	U	0.0015	U
trans-1,3-Dichloropropene	10061-02-6	~	mg/kg	0.0013	U	0.0014	U	0.0011	U	0.00098	U	-	-	0.0018	U	-	-	0.0012	U	-	-	-	-	-	-	0.0022	U	0.0009	U	0.0016	U	0.0011	U	0.00099	U
trans-1,4-Dichloro-2-butene	110-57-6	~	mg/kg	0.0065	U	0.0072	U	0.0056	U	0.0049	U	-	-	0.0089	U	-	-	0.0058	U	-	-	-	-	-	-	0.011	U	0.0045	U	0.0082	U	0.0054	U	0.005	U
Trichloroethene	79-01-6	0.47	mg/kg	0.00065	U	0.00072	U	0.00056	U	0.00049	U	-	-	0.00089	U	-	-	0.00058	U	-	-	-	-	-	-	0.0011	U	0.00045	U	0.00082	U	0.00054	U	0.0005	U
Trichlorofluoromethane	75-69-4	~	mg/kg	0.0052	U	0.0058	U	0.0045	U	0.0039	U	-	-	0.0071	U	-	-	0.0046	U	-	-	-	-	-	-	0.0089	U	0.0036	U	0.0066	U	0.0044	U	0.004	U
Vinyl acetate	108-05-4	~	mg/kg	0.013	U	0.014	U	0.011	U	0.0098	U	-	-	0.018	U	-	-	0.012	U	-	-	-	-	-	-	0.022	U	0.009	U	0.016	U	0.011	U	0.0099	U
Vinyl chloride	75-01-4	0.02	mg/kg	0.0013	U	0.0014	U	0.0011	U	0.00098	U	-	-	0.0018	U	-	-	0.0012	U	-	-	-	-	-	-	0.0022	U	0.0009	U	0.0016	U	0.0011	U	0.00099	U
Xylenes, Total	1330-20-7	1.6	mg/kg	0.0013	U	0.0016	J	0.0011	U	0.00098	U	-	-	0.0018	U	-	-	0.0012	U	-	-	-	-	-	-	0.0022	U	0.0009	U	0.0016	U	0.0011	U	0.00099	U

* Comparison is not performed on parameters with non-numeric criteria.
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted u

Table 3.4
Endpoint Analytical Data (7-11 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-46-022724		EP-47 03-12-24 11'		EP-47-03-14-24 (11')		EP-49-03-08-24-(7-8')		EP-49-03-15-24-9		EP-49-03-15-24-9		EP-49 03-22-24 10'		EP-50-03-08-24-(7-8')		EP-50 03-21-24 10'		EP-51-03-08-24-(7-8')		EP-51 03-22-24 10'		EP-52-03-15-24-9		EP-53 05-21-24 10'		EP-55-050724 (8')	
SAMPLING DATE				2/27/2024		3/12/2024		3/14/2024		3/8/2024		3/15/2024		3/15/2024		3/22/2024		3/8/2024		3/21/2024		3/8/2024		3/22/2024		3/15/2024		5/21/2024		5/7/2024	
LAB SAMPLE ID				L2410431-01		L2413372-01		L2414006-08		L2412910-03		L2414337-01		L2414337-01 R1		L2415851-04		L2412910-04		L2415499-04		L2412910-05		L2415851-02		L2414337-02		L2428155-01		L2425040-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH				11		11		11		7-8		9		9		10		7-8		10		7-8		10		9		10		8	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																															
Chromium, Hexavalent	18540-29-9	19	mg/kg	0.215	J	0.913	U	-	-	1.11	U	1.01	U	-	-	0.903	U	1	U	1.06	U	1.03	U	0.923	U	0.894	U	1.22	U	1.02	U
Cyanide, Total	57-12-5	40	mg/kg	1.1	U	1.1	U	-	-	-	-	2.2		-	-	1	U	-	-	1.3	U	-	-	1.1	U	1.1	U	1.4	U	1.2	U
Solids, Total	NONE	~	%	83.6		87.6		-	-	71.8		79.4		-	-	88.6		79.9		75.6		77.7		86.7		89.5		65.4		78.2	
Organochlorine Pesticides by GC																															
4,4'-DDD	72-54-8	14	mg/kg	0.00186	U	0.0018	U	-	-	-	-	0.01	U	-	-	0.00174	U	-	-	0.00206	U	-	-	0.00174	U	0.0017	U	0.00231	U	0.00198	U
4,4'-DDE	72-55-9	17	mg/kg	0.00186	U	0.0018	U	-	-	-	-	0.01	U	-	-	0.00174	U	-	-	0.00206	U	-	-	0.00174	U	0.0017	U	0.00231	U	0.00198	U
4,4'-DDT	50-29-3	136	mg/kg	0.00186	U	0.0018	U	-	-	-	-	0.01	U	-	-	0.00174	U	-	-	0.00206	U	-	-	0.00174	U	0.0017	U	0.00231	U	0.00198	U
Aldrin	309-00-2	0.19	mg/kg	0.00186	U	0.0018	U	-	-	-	-	0.01	U	-	-	0.00174	U	-	-	0.00206	U	-	-	0.00174	U	0.0017	U	0.00231	U	0.00198	U
Alpha-BHC	319-84-6	0.02	mg/kg	0.000777	U	0.000749	U	-	-	-	-	0.00416	U	-	-	0.000723	U	-	-	0.000859	U	-	-	0.000724	U	0.000709	U	0.000961	U	0.000824	U
Beta-BHC	319-85-7	0.09	mg/kg	0.00186	U	0.0018	U	-	-	-	-	0.01	U	-	-	0.00174	U	-	-	0.00206	U	-	-	0.00174	U	0.0017	U	0.00231	U	0.00198	U
Chlordane	57-74-9	~	mg/kg	0.0155	U	0.015	U	-	-	-	-	0.0833	U	-	-	0.0145	U	-	-	0.0172	U	-	-	0.0145	U	0.0142	U	0.0192	U	0.0165	U
cis-Chlordane	5103-71-9	2.9	mg/kg	0.00233	U	0.00225	U	-	-	-	-	0.0125	U	-	-	0.00217	U	-	-	0.00258	U	-	-	0.00217	U	0.00213	U	0.00288	U	0.00247	U
Delta-BHC	319-86-8	0.25	mg/kg	0.00186	U	0.0018	U	-	-	-	-	0.01	U	-	-	0.00174	U	-	-	0.00206	U	-	-	0.00174	U	0.0017	U	0.00231	U	0.00198	U
Dieldrin	60-57-1	0.1	mg/kg	0.00116	U	0.00112	U	-	-	-	-	0.00625	U	-	-	0.00108	U	-	-	0.00129	U	-	-	0.00108	U	0.00106	U	0.00144	U	0.00124	U
Endosulfan I	959-98-8	102	mg/kg	0.00186	U	0.0018	U	-	-	-	-	0.01	U	-	-	0.00174	U	-	-	0.00206	U	-	-	0.00174	U	0.0017	U	0.00231	U	0.00198	U
Endosulfan II	33213-65-9	102	mg/kg	0.00186	U	0.0018	U	-	-	-	-	0.01	U	-	-	0.00174	U	-	-	0.00206	U	-	-	0.00174	U	0.0017	U	0.00231	U	0.00198	U
Endosulfan sulfate	1031-07-8	1000	mg/kg	0.000777	U	0.000749	U	-	-	-	-	0.00416	U	-	-	0.000723	U	-	-	0.000859	U	-	-	0.000724	U	0.000709	U	0.000961	U	0.000824	U
Endrin	72-20-8	0.06	mg/kg	0.000777	U	0.000749	U	-	-	-	-	0.00416	U	-	-	0.000723	U	-	-	0.000859	U	-	-	0.000724	U	0.000709	U	0.000961	U	0.000824	U
Endrin aldehyde	7421-93-4	~	mg/kg	0.00233	U	0.00225	U	-	-	-	-	0.0125	U	-	-	0.00217	U	-	-	0.00258	U	-	-	0.00217	U	0.00213	U	0.00288	U	0.00247	U
Endrin ketone	53494-70-5	~	mg/kg	0.00186	U	0.0018	U	-	-	-	-	0.01	U	-	-	0.00174	U	-	-	0.00206	U	-	-	0.00174	U	0.0017	U	0.00231	U	0.00198	U
Heptachlor	76-44-8	0.38	mg/kg	0.000932	U	0.000899	U	-	-	-	-	0.005	U	-	-	0.000868	U	-	-	0.00103	U	-	-	0.000868	U	0.000851	U	0.00115	U	0.000989	U
Heptachlor epoxide	1024-57-3	~	mg/kg	0.0035	U	0.00337	U	-	-	-	-	0.0187	U	-	-	0.00325	U	-	-	0.00386	U	-	-	0.00326	U	0.00319	U	0.00432	U	0.00371	U
Lindane	58-89-9	0.1	mg/kg	0.000777	U	0.000749	U	-	-	-	-	0.00416	U	-	-	0.000723	U	-	-	0.000859	U	-	-	0.000724	U	0.000709	U	0.000961	U	0.000824	U
Methoxychlor	72-43-5	~	mg/kg	0.0035	U	0.00337	U	-	-	-	-	0.0187	U	-	-	0.00325	U	-	-	0.00386	U	-	-	0.00326	U	0.00319	U	0.00432	U	0.00371	U
Toxaphene	8001-35-2	~	mg/kg	0.035	U	0.0337	U	-	-	-	-	0.187	U	-	-	0.0325	U	-	-	0.0386	U	-	-	0.0326	U	0.0319	U	0.0432	U	0.0371	U
trans-Chlordane	5103-74-2	~	mg/kg	0.00233	U	0.00225	U	-	-	-	-	0.0125	U	-	-	0.00217	U	-	-	0.00258	U	-	-	0.00217	U	0.00213	U	0.00288	U	0.00247	U
Perfluorinated Alkyl Acids by EPA 1633																															
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8	39108-34-4	~	mg/kg	0.000797	U	0.000786	U	-	-	-	-	-	-	-	-	0.000759	U	-	-	0.000779	U	-	-	0.000773	U	0.000769	U	0.000796	U	0.000799	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6	27619-97-2	~	mg/kg	0.000797	U	0.000786	U	-	-	-	-	-	-	-	-	0.000759	U	-	-	0.000779	U	-	-	0.000773	U	0.000769	U	0.000796	U	0.000799	U
N-Ethyl Perfluorooctanesulfonamidoacetic Ac	2991-50-6	~	mg/kg	0.000199	U	0.000196	U	-	-	-	-	-	-	-	-	0.00019	U	-	-	0.000195	U	-	-	0.000193	U	0.000192	U	0.000199	U	0.0002	U
N-Methyl Perfluorooctanesulfonamidoacetic	2355-31-9	~	mg/kg	0.000199	U	0.000196	U	-	-	-	-	-	-	-	-	0.00019	U	-	-	0.000195	U	-	-	0.000193	U	0.000192	U	0.000199	U	0.0002	U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	0.000199	U	0.000196	U	-	-	-	-	-	-	-	-	0.00019	U	-	-	0.000195	U	-	-	0.000193	U	0.000192	U	0.000199	U	0.0002	U
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	0.000797	U	0.000786	U	-	-	-	-	-	-	-	-	0.000759	U	-	-	0.000779	U	-	-	0.000773	U	0.000769	U	0.000796	U	0.000799	U
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	0.000199	U	0.000196	U	-	-	-	-	-	-	-	-	0.00019	U	-	-	0.000195	U	-	-	0.000193	U	0.000192	U	0.000199	U	0.0002	U
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	0.000199	U	0.000196	U	-	-	-	-	-	-	-	-	0.00019	U	-	-	0.000195	U	-	-	0.000193	U	0.000192	U	0.000199	U	0.0002	U
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	0.000199	U	0.000196	U	-	-	-	-	-	-	-	-	0.00019	U	-	-	0.000195	U	-	-	0.000193	U	0.000192	U	0.000199	U	0.0002	U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	0.000199	U	0.000196	U	-	-	-	-	-	-	-	-	0.00019	U	-	-	0.000195	U	-	-	0.000193	U	0.000192	U	0.000199	U	0.0002	U
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	0.000199	U	0.000196	U	-	-	-	-	-	-	-	-	0.00019	U	-	-	0.000195	U	-	-	0.000193	U	0.000192	U	0.000199	U	0.0002	U
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	0.00014	J	0.000196	U	-	-	-	-	-	-	-	-	0.00019	U	-	-	0.000195	U	-	-	0.000117	J	0.000139	J	0.000072	J	0.0002	U
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	0.000199	U	0.000196	U	-	-	-	-	-	-	-	-	0.00019	U	-	-	0.000195	U	-	-	0.000193	U	0.000192	U	0.000199	U	0.0002	U
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	0.000199	U	0.000196	U	-	-	-	-	-	-	-	-	0.00019	U	-	-	0.000195	U	-	-	0.000193	U	0.000192	U	0.000199	U	0.0002	U
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	0.000199	U	0.000196	U	-	-	-	-	-	-	-	-	0.00019	U	-	-	0.000195	U	-	-	0.000193	U	0.000192	U	0.000199	U	0.0002	U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	0.000143	J	0.000196	U	-	-	-	-	-	-	-	-	0.00019	U	-	-	0.000195	U	-	-	0.000081	J	0.000192	U	0.000199	U	0.0002	U
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	0.000199	U	0.000196	U	-	-	-	-	-	-	-	-	0.00019	U	-	-	0.000195	U	-	-	0.000193	U	0.000192	U	0.000172	J	0.000058	J
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	0.000399	U	0.000393	U	-	-	-	-	-	-	-	-	0.000379	U	-	-	0.00039	U	-	-	0.000386	U	0.000385	U	0.000398	U	0.0004	U
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	0.000199	U	0.000196	U	-	-	-	-	-	-	-	-	0.00019	U	-	-	0.000195	U	-	-	0.000193	U	0.000192	U	0.000199	U	0.0002	U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	0.000199	U	0.000196	U	-	-	-	-	-	-	-	-	0.00019	U	-	-	0.000195	U	-	-	0.000193	U	0.000192	U	0.000199	U	0.0002	U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	0.000199	U	0.000196	U	-	-	-	-	-	-	-	-	0.00019	U	-	-	0.000195	U	-	-	0.000193	U	0.000192	U	0.000199	U	0.0002	U
PFOA/PFOS, Total	null	~	mg/kg	0.000143	J	0.000196	U	-	-	-	-	-	-	-	-	0.00019	U	-	-	0.000195	U	-	-	0.000081	J	0.000192	U	0.000172	J	0.000058	J
Polychlorinated Biphenyls by GC																															
Aroclor 1016	12674-11-2	3.2	mg/kg	0.0584	U	0.0555	U	-	-	-	-	0.0587	U	-	-	0.0522	U	-	-	0.0621	U	-	-	0.0554	U	0.0515	U	0.0761	U	0.0594	U
Aroclor 1221	11104-28-2	3.2	mg/kg	0.0584	U	0.0555	U	-	-	-	-	0.0587	U	-	-	0.0522	U	-	-	0.0621	U	-	-	0.0554	U	0.0515	U	0.0761	U	0.0594	U
Aroclor 1232	11141-16-5	3.2	mg/kg	0.0584	U	0.0555	U	-	-	-	-	0.0587	U	-	-	0.0522	U	-	-	0.0621	U	-	-	0.0554	U	0.0515	U	0.0761	U	0.0594	U
Aroclor 1242	53469-21-9	3.2	mg/kg	0.0584	U	0.0555	U	-	-	-	-	0.0587	U	-	-	0.0522	U	-	-	0.0621	U	-	-	0.0554	U	0.0515	U	0.0761	U	0.0594	U
Aroclor 1248	12672-29-6	3.2	mg/kg	0.0584	U	0.0555	U	-	-	-	-	0.0587	U	-	-	0.0522	U	-	-	0.0621	U	-	-	0.0554	U	0.0515	U	0.0761	U	0.0594	U
Aroclor 1254	11097-69-1	3.2	mg/kg	0.0584	U	0.0555	U	-	-	-	-	0.0587	U	-	-	0.0522	U	-	-	0.0621	U	-	-	0.0554	U	0.0515	U	0.0761	U	0.0594	U
Aroclor 1260	11096-82-5	3.2	mg/kg	0.0584	U	0.0555	U	-	-	-	-	0.0587	U	-	-	0.0522	U	-	-	0.0621	U	-	-	0.0554	U	0.0515	U	0.0761	U	0.0594	U
Aroclor 1262	37324-23-5	3.2	mg/kg	0.0584	U	0.0555	U	-	-	-	-	0.0587	U	-	-	0.0522	U	-	-	0.0621	U	-	-	0.0554	U	0.0515	U	0.0761	U	0.0594	U
Aroclor 1268	11100-14-4	3.2	mg/kg	0.0584	U	0.0555	U	-	-	-	-	0.0587	U	-	-	0.0522	U	-	-	0.0621	U	-	-	0.0554	U	0.0515	U	0.0761	U	0.0594	U
PCBs, Total	1336-36-3	3.2	mg/kg	0.0584	U	0.0555	U	-	-	-	-	0.0587	U	-	-	0.0522	U	-	-	0.0621	U	-	-	0.0554	U	0.0515	U	0.0761	U	0.0594	U
Semivolatile Organics by GC/MS																															
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.21	U	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.21	U	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.21	U	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.21	U	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.21	U	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.029	U	0.028	U	-	-	0.034	U	0.031	U	-	-	0.028	U	0.031	U	0.032	U	0.032	U	0.028	U	0.028	U	0.038	U	0.031	U
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.21	U	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	0.12	U	0.11	U	-	-	0.14	U	0.12	U	-	-	0.11	U	0.12	U	0.13	U	0.13	U	0.11	U	0.11	U	0.15	U	0.12	U
2,4-Dichlorophenol	120-83-2	~	mg/kg	0.18	U	0.17	U	-	-	0.21	U	0.18	U	-	-	0.16	U	0.19	U	0.19	U	0.19	U	0.17	U	0.17	U	0.23	U	0.19	U
2,4-Dimethylphenol	105-67-9	~	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.11	J	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
2,4-Dinitrophenol	51-28-5	~	mg/kg	0.94	U	0.9	U	-	-	1.1	U	0.99	U	-	-	0.88	U	1	U	1	U	1	U	0.9	U	0.89	U	1.2	U	1	U
2,4-Dinitrotoluene	121-14-2	~	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.21	U	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
2,6-Dinitrotoluene	606-20-2	~	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.21	U	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
2-Chloronaphthalene	91-58-7	~	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.21	U	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
2-Chlorophenol	95-57-8	~	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.21	U	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
2-Methylnaphthalene	91-57-6	~	mg/kg	0.046	J	0.22	U	-	-	1.2		1.3		-	-	0.22	U	0.35		0.26	U	0.94		0.42		0.22	U	0.3	U	0.25	U
2-Methylphenol	95-48-7	0.33	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.072	J	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
2-Nitroaniline	88-74-4	~	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.21	U	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
2-Nitrophenol	88-75-5	~	mg/kg	0.42	U	0.4	U	-	-	0.5	U	0.44	U	-	-	0.4	U	0.45	U	0.46	U	0.46	U	0.41	U	0.4	U	0.55	U	0.45	U

Table 3.4
Endpoint Analytical Data (7-11 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-46-022724		EP-47 03-12-24 11'		EP-47-03-14-24 (11')		EP-49-03-08-24-(7-8')		EP-49-03-15-24-9		EP-49-03-15-24-9		EP-49 03-22-24 10'		EP-50-03-08-24-(7-8')		EP-50 03-21-24 10'		EP-51-03-08-24-(7-8')		EP-51 03-22-24 10'		EP-52-03-15-24-9		EP-53 05-21-24 10'		EP-55-050724 (8')	
SAMPLING DATE				2/27/2024		3/12/2024		3/14/2024		3/8/2024		3/15/2024		3/15/2024		3/22/2024		3/8/2024		3/21/2024		3/8/2024		3/22/2024		3/15/2024		5/21/2024		5/7/2024	
LAB SAMPLE ID				L2410431-01		L2413372-01		L2414006-08		L2412910-03		L2414337-01		L2414337-01 R1		L2415851-04		L2412910-04		L2415499-04		L2412910-05		L2415851-02		L2414337-02		L2428155-01		L2425040-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH				11		11		11		7-8		9		9		10		7-8		10		7-8		10		9		10		8	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.21	U	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	mg/kg	0.052	J	0.27	U	-	-	0.075	J	0.18	J	-	-	0.26	U	0.043	J	0.31	U	0.043	J	0.27	U	0.27	U	**0.63**		0.04	J
3-Nitroaniline	99-09-2	~	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.21	U	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	0.51	U	0.49	U	-	-	0.6	U	0.54	U	-	-	0.48	U	0.54	U	0.56	U	0.55	U	0.49	U	0.48	U	0.66	U	0.54	U
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.21	U	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
4-Chloroaniline	106-47-8	~	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.21	U	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.21	U	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
4-Nitroaniline	100-01-6	~	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.21	U	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
4-Nitrophenol	100-02-7	~	mg/kg	0.27	U	0.26	U	-	-	0.32	U	0.29	U	-	-	0.26	U	0.29	U	0.3	U	0.3	U	0.26	U	0.26	U	0.36	U	0.29	U
Acenaphthene	83-32-9	98	mg/kg	0.052	J	0.15	U	-	-	2		2.8		-	-	0.15	U	0.62		0.061	J	2.1		1.2		0.15	U	0.2	U	0.03	J
Acenaphthylene	208-96-8	107	mg/kg	0.073	J	0.15	U	-	-	0.73		0.96		-	-	0.15	U	0.73		0.17	U	0.36		0.29		0.15	U	0.2	U	0.16	U
Acetophenone	98-86-2	~	mg/kg	0.2	U	0.19	U	-	-	0.068	J	0.21	U	-	-	0.18	U	0.04	J	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
Anthracene	120-12-7	1000	mg/kg	0.12		0.11	U	-	-	2.7		5.2		-	-	0.11	U	2		0.056	J	2.1		0.87		0.11	U	0.15	U	0.093	J
Benzo(a)anthracene	56-55-3	1	mg/kg	0.22		0.11	U	-	-	**3**		**7.7**		-	-	0.11	U	**3.3**		0.061	J	**1.3**		0.93		0.11	U	0.15	U	0.18	
Benzo(a)pyrene	50-32-8	22	mg/kg	0.24		0.15	U	-	-	3.2		7.7		-	-	0.15	U	2.8		0.075	J	1.5		1.1		0.15	U	0.2	U	0.16	
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	0.27		0.11	U	-	-	**3.4**		**8.8**	E	**12**		0.11	U	**3.4**		0.06	J	1.5		0.95		0.11	U	0.15	U	0.2	
Benzo(ghi)perylene	191-24-2	1000	mg/kg	0.17		0.15	U	-	-	2.1		4.6		-	-	0.15	U	1.7		0.048	J	0.94		0.73		0.15	U	0.2	U	0.09	J
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	0.078	J	0.11	U	-	-	0.8		**2.5**		-	-	0.11	U	1		0.13	U	0.4		0.27		0.11	U	0.15	U	0.058	J
Benzoic Acid	65-85-0	~	mg/kg	0.64	U	0.61	U	-	-	0.74	U	0.67	U	-	-	0.6	U	0.67	U	0.69	U	0.69	U	0.61	U	0.6	U	0.82	U	0.67	U
Benzyl Alcohol	100-51-6	~	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.21	U	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
Biphenyl	92-52-4	~	mg/kg	0.45	U	0.43	U	-	-	0.33	J	0.45	J	-	-	0.42	U	0.098	J	0.49	U	0.28	J	0.21	J	0.42	U	0.58	U	0.47	U
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	0.21	U	0.2	U	-	-	0.25	U	0.22	U	-	-	0.2	U	0.22	U	0.23	U	0.23	U	0.2	U	0.2	U	0.27	U	0.22	U
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	0.18	U	0.17	U	-	-	0.21	U	0.18	U	-	-	0.16	U	0.19	U	0.19	U	0.19	U	0.17	U	0.17	U	0.23	U	0.19	U
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	0.24	U	0.22	U	-	-	0.28	U	0.25	U	-	-	0.22	U	0.25	U	0.26	U	0.26	U	0.23	U	0.22	U	0.3	U	0.25	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.21	U	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
Butyl benzyl phthalate	85-68-7	~	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.21	U	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
Carbazole	86-74-8	~	mg/kg	0.02	J	0.19	U	-	-	0.77		1.9		-	-	0.18	U	0.36		0.21	U	0.59		0.093	J	0.18	U	0.25	U	0.032	J
Chrysene	218-01-9	1	mg/kg	0.23		0.11	U	-	-	**2.8**		**6.9**		-	-	0.11	U	**3.2**		0.051	J	**1.2**		0.8		0.11	U	0.15	U	0.16	
Di-n-butylphthalate	84-74-2	~	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.21	U	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
Di-n-octylphthalate	117-84-0	~	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.21	U	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	0.03	J	0.11	U	-	-	0.38		0.95		-	-	0.11	U	0.44		0.13	U	0.15		0.09	J	0.11	U	0.15	U	0.024	J
Dibenzofuran	132-64-9	210	mg/kg	0.022	J	0.19	U	-	-	1.1		1.9		-	-	0.18	U	0.45		0.21	U	1.1		0.15	J	0.18	U	0.25	U	0.027	J
Diethyl phthalate	84-66-2	~	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.21	U	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
Dimethyl phthalate	131-11-3	~	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.21	U	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
Fluoranthene	206-44-0	1000	mg/kg	0.44		0.11	U	-	-	8		9.8	E	28		0.11	U	8		0.16		4.3		2.3		0.11	U	0.062	J	0.4	
Fluorene	86-73-7	386	mg/kg	0.08	J	0.19	U	-	-	1.9		3.1		-	-	0.18	U	1.1		0.21	U	2.1		0.62		0.18	U	0.25	U	0.038	J
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.12	U	0.11	U	-	-	0.14	U	0.12	U	-	-	0.11	U	0.12	U	0.13	U	0.13	U	0.11	U	0.11	U	0.15	U	0.12	U
Hexachlorobutadiene	87-68-3	~	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.21	U	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	0.56	U	0.54	U	-	-	0.66	U	0.59	U	-	-	0.52	U	0.59	U	0.61	U	0.61	U	0.54	U	0.53	U	0.73	U	0.59	U
Hexachloroethane	67-72-1	~	mg/kg	0.16	U	0.15	U	-	-	0.18	U	0.16	U	-	-	0.15	U	0.17	U	0.17	U	0.17	U	0.15	U	0.15	U	0.2	U	0.16	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	0.14	J	0.15	U	-	-	1.7		4.5		-	-	0.15	U	1.6		0.032	J	0.73		0.54		0.15	U	0.2	U	0.094	J
Isophorone	78-59-1	~	mg/kg	0.18	U	0.17	U	-	-	0.21	U	0.18	U	-	-	0.16	U	0.19	U	0.19	U	0.19	U	0.17	U	0.17	U	0.23	U	0.19	U
\	621-64-7	~	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.21	U	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
Naphthalene	91-20-3	12	mg/kg	0.1	J	0.19	U	-	-	1.2		3.4		-	-	0.18	U	0.62		0.087	J	0.96		3		0.18	U	0.056	J	0.053	J
NDPA/DPA	86-30-6	~	mg/kg	0.16	U	0.15	U	-	-	0.18	U	0.16	U	-	-	0.15	U	0.17	U	0.17	U	0.17	U	0.15	U	0.15	U	0.2	U	0.16	U
Nitrobenzene	98-95-3	~	mg/kg	0.18	U	0.17	U	-	-	0.21	U	0.18	U	-	-	0.16	U	0.19	U	0.19	U	0.19	U	0.17	U	0.17	U	0.23	U	0.19	U
p-Chloro-m-cresol	59-50-7	~	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.21	U	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
Pentachlorophenol	87-86-5	0.8	mg/kg	0.16	U	0.15	U	-	-	0.18	U	0.16	U	-	-	0.15	U	0.17	U	0.17	U	0.17	U	0.15	U	0.15	U	0.2	U	0.16	U
Phenanthrene	85-01-8	1000	mg/kg	0.36		0.11	U	-	-	7.7		11	E	28		0.11	U	7.2		0.11	J	5.9		2.6		0.11	U	0.096	J	0.34	
Phenol	108-95-2	0.33	mg/kg	0.2	U	0.19	U	-	-	0.23	U	0.084	J	-	-	0.18	U	0.21	U	0.21	U	0.21	U	0.19	U	0.18	U	0.25	U	0.21	U
Pyrene	129-00-0	1000	mg/kg	0.49		0.11	U	-	-	8.2		11	E	24		0.11	U	7.4		0.23		4.1		2.9		0.11	U	0.051	J	0.34	
Total Metals																															
Aluminum, Total	7429-90-5	~	mg/kg	5220		5360		-	-	-	-	5350		-	-	7460		-	-	9020		-	-	6030		7840		10800		3550	
Antimony, Total	7440-36-0	~	mg/kg	0.354	J	10.8	U	-	-	-	-	15.2		-	-	4.32	U	-	-	5.09	U	-	-	0.783	J	10.9	U	1.17	J	1.82	J
Arsenic, Total	7440-38-2	16	mg/kg	4.17		1.55	J	-	-	11.8		14.5		-	-	1.7		12.8		2.98		12.6		5.85		2.65		9.4		12.6	
Barium, Total	7440-39-3	820	mg/kg	42.6		25.4		-	-	-	-	230		-	-	39		-	-	39.4		-	-	98.8		35.3		87		123	
Beryllium, Total	7440-41-7	47	mg/kg	0.357	J	0.344	J	-	-	-	-	1.23	J	-	-	0.333	J	-	-	0.622		-	-	0.431	J	0.465	J	0.452	J	0.367	J
Cadmium, Total	7440-43-9	7.5	mg/kg	0.929	U	2.16	U	-	-	-	-	1.68	J	-	-	0.865	U	-	-	1.02	U	-	-	0.155	J	2.18	U	1.17	U	0.109	J
Calcium, Total	7440-70-2	~	mg/kg	1620		949		-	-	-	-	71600		-	-	1840		-	-	1640		-	-	28000		1020		3240		11700	
Chromium, Total	7440-47-3	~	mg/kg	11.7		18.3		-	-	-	-	10.8		-	-	17		-	-	19.3		-	-	14.8		15.1		19.9		7.79	
Cobalt, Total	7440-48-4	~	mg/kg	4.88		4.28	J	-	-	-	-	19.5		-	-	4.83		-	-	6.65		-	-	4.79		4.15	J	4.32		3.84	
Copper, Total	7440-50-8	1720	mg/kg	16		13.9		-	-	-	-	259		-	-	9.64		-	-	14.4		-	-	79.5		19.3		52.2		283	
Iron, Total	7439-89-6	~	mg/kg	11100		11800		-	-	-	-	19400		-	-	18500		-	-	18300		-	-	13600		14100		19300		8280	
Lead, Total	7439-92-1	450	mg/kg	58.7		10.3	J	-	-	-	-	**558**		-	-	14		-	-	32.1		-	-	175		62.3		220		129	
Magnesium, Total	7439-95-4	~	mg/kg	2030		3170		-	-	-	-	11700		-	-	2670		-	-	2880		-	-	5060		2700		3200		1030	
Manganese, Total	7439-96-5	2000	mg/kg	162		102		-	-	-	-	858		-	-	335		-	-	141		-	-	215		112		136		92.4	
Mercury, Total	7439-97-6	0.73	mg/kg	0.15		0.074	U	-	-	-	-	0.503		-	-	0.08	U	-	-	0.085	U	-	-	0.07	J	0.175		**3.78**		**1.18**	
Nickel, Total	7440-02-0	130	mg/kg	14.8		44.8		-	-	-	-	46.5		-	-	21.2		-	-	31		-	-	23.8		33.3		16.5		11.1	
Potassium, Total	7440-09-7	~	mg/kg	830		888		-	-	-	-	948		-	-	1160		-	-	1030		-	-	877		856		2290		524	
Selenium, Total	7782-49-2	4	mg/kg	1.86	U	4.32	U	-	-	-	-	1.92	J	-	-	0.251	J	-	-	2.04	U	-	-	0.563	J	4.35	U	1.3	J	0.838	J
Silver, Total	7440-22-4	8.3	mg/kg	0.465	U	1.08	U	-	-	-	-	1.24	U	-	-	0.432	U	-	-	0.509	U	-	-	0.263	J	1.09	U	0.583	U	0.507	
Sodium, Total	7440-23-5	~	mg/kg	124	J	243	J	-	-	-	-	482	J	-	-	227		-	-	203	J	-	-	228		135	J	653		311	
Thallium, Total	7440-28-0	~	mg/kg	1.86	U	0.845	J	-	-	-	-	4.96	U	-	-	0.294	J	-	-	0.545	J	-	-	0.326	J	0.763	J	2.33	U	1.95	U
Vanadium, Total	7440-62-2	~	mg/kg	20.3		19.8		-	-	-	-	14.1		-	-	23.4		-	-	26.8		-	-	19.8		19.8		27.2		16.7	
Zinc, Total	7440-66-6	2480	mg/kg	67.6		28.8		-	-	-	-	611		-	-	25.1		-	-	41.2		-	-	155		46.8		80.2		78.4	
Volatile Organics by EPA 5035																															
1,1,1,2-Tetrachloroethane	630-20-6	~	mg/kg	0.0005	U	-	-	0.00048	U	-	-	0.00064	U	-	-	0.00049	U	-	-	0.00062	U	-	-	0.00052	U	0.00048	U	0.00089	U	0.00096	U
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	0.0005	U	-	-	0.00048	U	-	-	0.00064	U	-	-	0.00049	U	-	-	0.00062	U	-	-	0.00052	U	0.00048	U	0.00089	U	0.00096	U
1,1,2,2-Tetrachloroethane	79-34-5	~	mg/kg	0.0005	U	-	-	0.00048	U	-	-	0.00064	U	-	-	0.00049	U	-	-	0.00062	U	-	-	0.00052	U	0.00048	U	0.00089	U	0.00096	U
1,1,2-Trichloroethane	79-00-5	~	mg/kg	0.001	U	-	-	0.00096	U	-	-	0.0013	U	-	-	0.00098	U	-	-	0.0012	U	-	-	0.001	U	0.00096	U	0.0018	U	0.0019	U
1,1-Dichloroethane	75-34-3	0.27	mg/kg	0.001	U	-	-	0.00096	U	-	-	0.0013	U	-	-	0.00098	U	-	-	0.0012	U	-	-	0.001	U	0.00096	U	0.0018	U	0.0019	U
1,1-Dichloroethene	75-35-4	0.33	mg/kg	0.001	U	-	-	0.00096	U	-	-	0.0013	U	-	-	0.00098	U	-	-	0.0012	U	-	-	0.001	U	0.00096	U	0.0018	U	0.0019	U

Table 3.4
Endpoint Analytical Data (7-11 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-46-022724		EP-47 03-12-24 11'		EP-47-03-14-24 (11')		EP-49-03-08-24-(7-8')		EP-49-03-15-24-9		EP-49-03-15-24-9		EP-49 03-22-24 10'		EP-50-03-08-24-(7-8')		EP-50 03-21-24 10'		EP-51-03-08-24-(7-8')		EP-51 03-22-24 10'		EP-52-03-15-24-9		EP-53 05-21-24 10'		EP-55-050724 (8')	
SAMPLING DATE				2/27/2024		3/12/2024		3/14/2024		3/8/2024		3/15/2024		3/15/2024		3/22/2024		3/8/2024		3/21/2024		3/8/2024		3/22/2024		3/15/2024		5/21/2024		5/7/2024	
LAB SAMPLE ID				L2410431-01		L2413372-01		L2414006-08		L2412910-03		L2414337-01		L2414337-01 R1		L2415851-04		L2412910-04		L2415499-04		L2412910-05		L2415851-02		L2414337-02		L2428155-01		L2425040-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH				11		11		11		7-8		9		9		10		7-8		10		7-8		10		9		10		8	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1-Dichloropropene	563-58-6	~	mg/kg	0.0005	U	-	-	0.00048	U	-	-	0.00064	U	-	-	0.00049	U	-	-	0.00062	U	-	-	0.00052	U	0.00048	U	0.00089	U	0.00096	U
1,2,3-Trichlorobenzene	87-61-6	~	mg/kg	0.002	U	-	-	0.0019	U	-	-	0.0026	U	-	-	0.002	U	-	-	0.0025	U	-	-	0.0021	U	0.0019	U	0.0035	U	0.0038	U
1,2,3-Trichloropropane	96-18-4	~	mg/kg	0.002	U	-	-	0.0019	U	-	-	0.0026	U	-	-	0.002	U	-	-	0.0025	U	-	-	0.0021	U	0.0019	U	0.0035	U	0.0038	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	mg/kg	0.00021	J	-	-	0.0019	U	-	-	0.0074		-	-	0.002	U	-	-	0.0025	U	-	-	0.0021	U	0.0019	U	0.0035	U	0.0038	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.002	U	-	-	0.0019	U	-	-	0.0026	U	-	-	0.002	U	-	-	0.0025	U	-	-	0.0021	U	0.0019	U	0.0035	U	0.0038	U
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	0.002	U	-	-	0.0019	U	-	-	0.0033		-	-	0.002	U	-	-	0.0025	U	-	-	0.0021	U	0.0019	U	0.0035	U	0.0038	U
1,2-Dibromo-3-chloropropane	96-12-8	~	mg/kg	0.003	U	-	-	0.0029	U	-	-	0.0038	U	-	-	0.0029	U	-	-	0.0037	U	-	-	0.0031	U	0.0029	U	0.0053	U	0.0058	U
1,2-Dibromoethane	106-93-4	~	mg/kg	0.001	U	-	-	0.00096	U	-	-	0.0013	U	-	-	0.00098	U	-	-	0.0012	U	-	-	0.001	U	0.00096	U	0.0018	U	0.0019	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.002	U	-	-	0.0019	U	-	-	0.0026	U	-	-	0.002	U	-	-	0.0025	U	-	-	0.0021	U	0.0019	U	0.0035	U	0.0038	U
1,2-Dichloroethane	107-06-2	0.02	mg/kg	0.001	U	-	-	0.00096	U	-	-	0.0013	U	-	-	0.00098	U	-	-	0.0012	U	-	-	0.001	U	0.00096	U	0.0018	U	0.0019	U
1,2-Dichloroethene, Total	540-59-0	~	mg/kg	0.001	U	-	-	0.00096	U	-	-	0.0013	U	-	-	0.00098	U	-	-	0.0012	U	-	-	0.001	U	0.00096	U	0.0018	U	0.0019	U
1,2-Dichloropropane	78-87-5	~	mg/kg	0.001	U	-	-	0.00096	U	-	-	0.0013	U	-	-	0.00098	U	-	-	0.0012	U	-	-	0.001	U	0.00096	U	0.0018	U	0.0019	U
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	0.002	U	-	-	0.0019	U	-	-	0.0024	J	-	-	0.002	U	-	-	0.0025	U	-	-	0.0021	U	0.0019	U	0.0035	U	0.0038	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.002	U	-	-	0.0019	U	-	-	0.0026	U	-	-	0.002	U	-	-	0.0025	U	-	-	0.0021	U	0.0019	U	0.0035	U	0.0038	U
1,3-Dichloropropane	142-28-9	~	mg/kg	0.002	U	-	-	0.0019	U	-	-	0.0026	U	-	-	0.002	U	-	-	0.0025	U	-	-	0.0021	U	0.0019	U	0.0035	U	0.0038	U
1,3-Dichloropropene, Total	542-75-6	~	mg/kg	0.0005	U	-	-	0.00048	U	-	-	0.00064	U	-	-	0.00049	U	-	-	0.00062	U	-	-	0.00052	U	0.00048	U	0.00089	U	0.00096	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.002	U	-	-	0.0019	U	-	-	0.0026	U	-	-	0.002	U	-	-	0.0025	U	-	-	0.0021	U	0.0019	U	0.0035	U	0.0038	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.081	U	-	-	0.077	U	-	-	0.1	U	-	-	0.078	U	-	-	0.099	U	-	-	0.084	U	0.077	U	0.14	U	0.15	U
2,2-Dichloropropane	594-20-7	~	mg/kg	0.002	U	-	-	0.0019	U	-	-	0.0026	U	-	-	0.002	U	-	-	0.0025	U	-	-	0.0021	U	0.0019	U	0.0035	U	0.0038	U
2-Butanone	78-93-3	0.12	mg/kg	0.01	U	-	-	0.0096	U	-	-	0.013	U	-	-	0.0084	J	-	-	0.0087	J	-	-	0.013		0.011		0.011	J	0.019	U
2-Hexanone	591-78-6	~	mg/kg	0.01	U	-	-	0.0096	U	-	-	0.013	U	-	-	0.0098	U	-	-	0.012	U	-	-	0.01	U	0.0096	U	0.018	U	0.019	U
4-Methyl-2-pentanone	108-10-1	~	mg/kg	0.01	U	-	-	0.0096	U	-	-	0.013	U	-	-	0.0098	U	-	-	0.012	U	-	-	0.01	U	0.0096	U	0.018	U	0.019	U
Acetone	67-64-1	0.05	mg/kg	0.016		-	-	0.02		-	-	0.037		-	-	**0.078**		-	-	0.045		-	-	**0.11**		**0.061**		**0.071**		0.017	J
Acrylonitrile	107-13-1	~	mg/kg	0.004	U	-	-	0.0038	U	-	-	0.0051	U	-	-	0.0039	U	-	-	0.005	U	-	-	0.0042	U	0.0038	U	0.0071	U	0.0077	U
Benzene	71-43-2	0.06	mg/kg	0.0005	U	-	-	0.00048	U	-	-	0.00034	J	-	-	0.00049	U	-	-	0.00062	U	-	-	0.00052	U	0.00048	U	0.00089	U	0.00096	U
Bromobenzene	108-86-1	~	mg/kg	0.002	U	-	-	0.0019	U	-	-	0.0026	U	-	-	0.002	U	-	-	0.0025	U	-	-	0.0021	U	0.0019	U	0.0035	U	0.0038	U
Bromochloromethane	74-97-5	~	mg/kg	0.002	U	-	-	0.0019	U	-	-	0.0026	U	-	-	0.002	U	-	-	0.0025	U	-	-	0.0021	U	0.0019	U	0.0035	U	0.0038	U
Bromodichloromethane	75-27-4	~	mg/kg	0.0005	U	-	-	0.00048	U	-	-	0.00064	U	-	-	0.00049	U	-	-	0.00062	U	-	-	0.00052	U	0.00048	U	0.00089	U	0.00096	U
Bromoform	75-25-2	~	mg/kg	0.004	U	-	-	0.0038	U	-	-	0.0051	U	-	-	0.0039	U	-	-	0.005	U	-	-	0.0042	U	0.0038	U	0.0071	U	0.0077	U
Bromomethane	74-83-9	~	mg/kg	0.002	U	-	-	0.0019	U	-	-	0.0026	U	-	-	0.002	U	-	-	0.0025	U	-	-	0.0021	U	0.0019	U	0.0035	U	0.0038	U
Carbon disulfide	75-15-0	~	mg/kg	0.01	U	-	-	0.0096	U	-	-	0.013	U	-	-	0.0098	U	-	-	0.012	U	-	-	0.01	U	0.0096	U	0.018	U	0.019	U
Carbon tetrachloride	56-23-5	0.76	mg/kg	0.001	U	-	-	0.00096	U	-	-	0.0013	U	-	-	0.00098	U	-	-	0.0012	U	-	-	0.001	U	0.00096	U	0.0018	U	0.0019	U
Chlorobenzene	108-90-7	1.1	mg/kg	0.0005	U	-	-	0.00048	U	-	-	0.00064	U	-	-	0.00049	U	-	-	0.00062	U	-	-	0.00052	U	0.00048	U	0.00089	U	0.00096	U
Chloroethane	75-00-3	~	mg/kg	0.002	U	-	-	0.0019	U	-	-	0.0026	U	-	-	0.002	U	-	-	0.0025	U	-	-	0.0021	U	0.0019	U	0.0035	U	0.0038	U
Chloroform	67-66-3	0.37	mg/kg	0.0015	U	-	-	0.0014	U	-	-	0.0019	U	-	-	0.0015	U	-	-	0.0018	U	-	-	0.0016	U	0.0014	U	0.0027	U	0.0029	U
Chloromethane	74-87-3	~	mg/kg	0.004	U	-	-	0.0038	U	-	-	0.0051	U	-	-	0.0039	U	-	-	0.005	U	-	-	0.0042	U	0.0038	U	0.0071	U	0.0077	U
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	0.001	U	-	-	0.00096	U	-	-	0.0013	U	-	-	0.00098	U	-	-	0.0012	U	-	-	0.001	U	0.00096	U	0.0018	U	0.0019	U
cis-1,3-Dichloropropene	10061-01-5	~	mg/kg	0.0005	U	-	-	0.00048	U	-	-	0.00064	U	-	-	0.00049	U	-	-	0.00062	U	-	-	0.00052	U	0.00048	U	0.00089	U	0.00096	U
Dibromochloromethane	124-48-1	~	mg/kg	0.001	U	-	-	0.00096	U	-	-	0.0013	U	-	-	0.00098	U	-	-	0.0012	U	-	-	0.001	U	0.00096	U	0.0018	U	0.0019	U
Dibromomethane	74-95-3	~	mg/kg	0.002	U	-	-	0.0019	U	-	-	0.0026	U	-	-	0.002	U	-	-	0.0025	U	-	-	0.0021	U	0.0019	U	0.0035	U	0.0038	U
Dichlorodifluoromethane	75-71-8	~	mg/kg	0.01	U	-	-	0.0096	U	-	-	0.013	U	-	-	0.0098	U	-	-	0.012	U	-	-	0.01	U	0.0096	U	0.018	U	0.019	U
Ethyl ether	60-29-7	~	mg/kg	0.002	U	-	-	0.0019	U	-	-	0.0026	U	-	-	0.002	U	-	-	0.0025	U	-	-	0.0021	U	0.0019	U	0.0035	U	0.0038	U
Ethylbenzene	100-41-4	1	mg/kg	0.001	U	-	-	0.00096	U	-	-	0.00063	J	-	-	0.00098	U	-	-	0.0012	U	-	-	0.001	U	0.00096	U	0.0018	U	0.0019	U
Hexachlorobutadiene	87-68-3	~	mg/kg	0.004	U	-	-	0.0038	U	-	-	0.0051	U	-	-	0.0039	U	-	-	0.005	U	-	-	0.0042	U	0.0038	U	0.0071	U	0.0077	U
Isopropylbenzene	98-82-8	~	mg/kg	0.001	U	-	-	0.00096	U	-	-	0.00064	J	-	-	0.00098	U	-	-	0.0002	J	-	-	0.001	U	0.00096	U	0.0018	U	0.0019	U
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	0.002	U	-	-	0.0019	U	-	-	0.0026	U	-	-	0.002	U	-	-	0.0025	U	-	-	0.0021	U	0.0019	U	0.0035	U	0.0038	U
Methylene chloride	75-09-2	0.05	mg/kg	0.005	U	-	-	0.0048	U	-	-	0.0064	U	-	-	0.0049	U	-	-	0.0062	U	-	-	0.0052	U	0.0048	U	0.0089	U	0.0096	U
n-Butylbenzene	104-51-8	12	mg/kg	0.00072	J	-	-	0.00096	U	-	-	0.00043	J	-	-	0.00098	U	-	-	0.0012	U	-	-	0.001	U	0.00096	U	0.0018	U	0.0019	U
n-Propylbenzene	103-65-1	3.9	mg/kg	0.001	U	-	-	0.00096	U	-	-	0.0008	J	-	-	0.00098	U	-	-	0.0012	U	-	-	0.001	U	0.00096	U	0.0018	U	0.0019	U
Naphthalene	91-20-3	12	mg/kg	0.004	U	-	-	0.0038	U	-	-	0.011		-	-	0.0039	U	-	-	0.013		-	-	0.049		0.00067	J	0.0071	U	0.0077	U
o-Chlorotoluene	95-49-8	~	mg/kg	0.002	U	-	-	0.0019	U	-	-	0.0026	U	-	-	0.002	U	-	-	0.0025	U	-	-	0.0021	U	0.0019	U	0.0035	U	0.0038	U
o-Xylene	95-47-6	~	mg/kg	0.001	U	-	-	0.00096	U	-	-	0.0019		-	-	0.00098	U	-	-	0.0012	U	-	-	0.001	U	0.00096	U	0.0018	U	0.0019	U
p-Chlorotoluene	106-43-4	~	mg/kg	0.002	U	-	-	0.0019	U	-	-	0.0026	U	-	-	0.002	U	-	-	0.0025	U	-	-	0.0021	U	0.0019	U	0.0035	U	0.0038	U
p-Diethylbenzene	105-05-5	~	mg/kg	0.002	U	-	-	0.0019	U	-	-	0.0011	J	-	-	0.002	U	-	-	0.00033	J	-	-	0.0021	U	0.0019	U	0.0035	U	0.0038	U
p-Ethyltoluene	622-96-8	~	mg/kg	0.002	U	-	-	0.0019	U	-	-	0.0025	J	-	-	0.002	U	-	-	0.0025	U	-	-	0.0021	U	0.0019	U	0.0035	U	0.0038	U
p-Isopropyltoluene	99-87-6	~	mg/kg	0.001	U	-	-	0.00096	U	-	-	0.0061		-	-	0.00098	U	-	-	0.0012	U	-	-	0.001	U	0.00096	U	0.0018	U	0.00098	J
p/m-Xylene	179601-23-1	~	mg/kg	0.002	U	-	-	0.0019	U	-	-	0.0016	J	-	-	0.002	U	-	-	0.0025	U	-	-	0.0021	U	0.0019	U	0.0035	U	0.0038	U
sec-Butylbenzene	135-98-8	11	mg/kg	0.00054	J	-	-	0.00096	U	-	-	0.00087	J	-	-	0.00098	U	-	-	0.0012	U	-	-	0.001	U	0.00096	U	0.0018	U	0.0019	U
Styrene	100-42-5	~	mg/kg	0.001	U	-	-	0.00096	U	-	-	0.0013	U	-	-	0.00098	U	-	-	0.0012	U	-	-	0.001	U	0.00096	U	0.0018	U	0.0019	U
tert-Butylbenzene	98-06-6	5.9	mg/kg	0.0002	J	-	-	0.0019	U	-	-	0.00069	J	-	-	0.002	U	-	-	0.0025	U	-	-	0.0021	U	0.0019	U	0.0035	U	0.0038	U
Tetrachloroethene	127-18-4	1.3	mg/kg	0.0005	U	-	-	0.00048	U	-	-	0.00064	U	-	-	0.00049	U	-	-	0.00062	U	-	-	0.00052	U	0.00048	U	0.00089	U	0.00096	U
Toluene	108-88-3	0.7	mg/kg	0.001	U	-	-	0.00096	U	-	-	0.0013	U	-	-	0.00098	U	-	-	0.0012	U	-	-	0.001	U	0.00096	U	0.0018	U	0.0019	U
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	0.0015	U	-	-	0.0014	U	-	-	0.0019	U	-	-	0.0015	U	-	-	0.0018	U	-	-	0.0016	U	0.0014	U	0.0027	U	0.0029	U
trans-1,3-Dichloropropene	10061-02-6	~	mg/kg	0.001	U	-	-	0.00096	U	-	-	0.0013	U	-	-	0.00098	U	-	-	0.0012	U	-	-	0.001	U	0.00096	U	0.0018	U	0.0019	U
trans-1,4-Dichloro-2-butene	110-57-6	~	mg/kg	0.005	U	-	-	0.0048	U	-	-	0.0064	U	-	-	0.0049	U	-	-	0.0062	U	-	-	0.0052	U	0.0048	U	0.0089	U	0.0096	U
Trichloroethene	79-01-6	0.47	mg/kg	0.0005	U	-	-	0.00048	U	-	-	0.00064	U	-	-	0.00049	U	-	-	0.00062	U	-	-	0.00052	U	0.00048	U	0.00089	U	0.00096	U
Trichlorofluoromethane	75-69-4	~	mg/kg	0.004	U	-	-	0.0038	U	-	-	0.0051	U	-	-	0.0039	U	-	-	0.005	U	-	-	0.0042	U	0.0038	U	0.0071	U	0.0077	U
Vinyl acetate	108-05-4	~	mg/kg	0.01	U	-	-	0.0096	U	-	-	0.013	U	-	-	0.0098	U	-	-	0.012	U	-	-	0.01	U	0.0096	U	0.018	U	0.019	U
Vinyl chloride	75-01-4	0.02	mg/kg	0.001	U	-	-	0.00096	U	-	-	0.0013	U	-	-	0.00098	U	-	-	0.0012	U	-	-	0.001	U	0.00096	U	0.0018	U	0.0019	U
Xylenes, Total	1330-20-7	1.6	mg/kg	0.001	U	-	-	0.00096	U	-	-	0.0035	J	-	-	0.00098	U	-	-	0.0012	U	-	-	0.001	U	0.00096	U	0.0018	U	0.0019	U

* Comparison is not performed on parameters with non-numeric criteria.
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted u

Table 3.4
Endpoint Analytical Data (7-11 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-57-022624		EP-58-022624		EP-61-022724		EP-63-03-13-24 (7-8')		EP-64-03-14-24 (10')		EP-64-03-14-24 (10')		EP-64-03-27-24 10'		EP-65-03-14-24 (9')		EP-66-03-08-24-(7-8')		EP-67-03-15-24-9		EP-67-04-10-24 10'		EP-68-051424 (9')		EP-69 05-10-24 8'		EP-70-022924 7-8'		EP-71-050224	
SAMPLING DATE				2/26/2024		2/26/2024		2/27/2024		3/13/2024		3/14/2024		3/14/2024		3/27/2024		3/14/2024		3/8/2024		3/15/2024		4/10/2024		5/14/2024		5/10/2024		2/29/2024		5/2/2024	
LAB SAMPLE ID				L2410334-01		L2410334-02		L2410431-02		L2413621-01		L2414006-01		L2414006-01 R1		L2416695-01		L2414006-02		L2412910-06		L2414337-03		L2419555-03		L2426562-02		L2425968-01		L2411037-02		L2424224-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH				8		8		11		7-8		10		10		10		9		7-8		9		10		9		8		7-8			
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																																	
Chromium, Hexavalent	18540-29-9	19	mg/kg	0.905	U	0.994	U	0.632	J	0.963	U	0.955	U	-	-	0.946	U	1.02	U	0.931	U	0.939	U	1.33	U	1.48	U	0.908	U	0.931	U	1.32	U
Cyanide, Total	57-12-5	40	mg/kg	1	U	1.2	U	1.5	U	0.47	J	-	-	-	-	1.1	U	1.2	U	1.1	U	0.4	J	1.6	U	1.8	U	1.1	U	1.1	U	1.5	U
Solids, Total	NONE	~	%	88.4		80.5		61.7		83.1		83.8		-	-	84.6		78		85.9		85.2		60.1		54		88.1		85.9		60.7	
Organochlorine Pesticides by GC																																	
4,4'-DDD	72-54-8	14	mg/kg	0.00172	U	0.00195	U	0.0025	U	0.00183	U	-	-	-	-	0.00185	U	0.0202	U	0.00176	U	0.00186	U	0.00257	U	0.00281	U	0.00179	U	0.00179	U	0.00247	U
4,4'-DDE	72-55-9	17	mg/kg	0.00172	U	0.00195	U	0.0025	U	0.000536	J	-	-	-	-	0.00185	U	0.0202	U	0.00176	U	0.00186	U	0.00257	U	0.00281	U	0.00179	U	0.00179	U	0.00247	U
4,4'-DDT	50-29-3	136	mg/kg	0.00172	U	0.00195	U	0.0025	U	0.00183	U	-	-	-	-	0.00185	U	0.0202	U	0.00176	U	0.00186	U	0.00257	U	0.00281	U	0.00179	U	0.00179	U	0.00247	U
Aldrin	309-00-2	0.19	mg/kg	0.00172	U	0.00195	U	0.0025	U	0.00183	U	-	-	-	-	0.00185	U	0.0202	U	0.00176	U	0.00186	U	0.00257	U	0.00281	U	0.00179	U	0.00179	U	0.00247	U
Alpha-BHC	319-84-6	0.02	mg/kg	0.000716	U	0.000813	U	0.00104	U	0.000762	U	-	-	-	-	0.00077	U	0.00842	U	0.000733	U	0.000777	U	0.00107	U	0.00117	U	0.000747	U	0.000745	U	0.00103	U
Beta-BHC	319-85-7	0.09	mg/kg	0.00172	U	0.00195	U	0.0025	U	0.00183	U	-	-	-	-	0.00185	U	0.0202	U	0.00176	U	0.00186	U	0.00257	U	0.00281	U	0.00179	U	0.00179	U	0.00247	U
Chlordane	57-74-9	~	mg/kg	0.0143	U	0.0162	U	0.0208	U	0.0152	U	-	-	-	-	0.0154	U	0.168	U	0.0147	U	0.0155	U	0.0214	U	0.0234	U	0.0149	U	0.0149	U	0.0206	U
cis-Chlordane	5103-71-9	2.9	mg/kg	0.00215	U	0.00244	U	0.00312	U	0.00229	U	-	-	-	-	0.00231	U	0.0253	U	0.0022	U	0.00233	U	0.00322	U	0.00352	U	0.00224	U	0.00223	U	0.00309	U
Delta-BHC	319-86-8	0.25	mg/kg	0.00172	U	0.00195	U	0.0025	U	0.00183	U	-	-	-	-	0.00185	U	0.0202	U	0.00176	U	0.00186	U	0.00257	U	0.00281	U	0.00179	U	0.00179	U	0.00247	U
Dieldrin	60-57-1	0.1	mg/kg	0.00107	U	0.00122	U	0.00156	U	0.00114	U	-	-	-	-	0.00116	U	0.0126	U	0.0011	U	0.00116	U	0.00161	U	0.00176	U	0.00112	U	0.00112	U	0.00155	U
Endosulfan I	959-98-8	102	mg/kg	0.00172	U	0.00195	U	0.0025	U	0.00183	U	-	-	-	-	0.00185	U	0.0202	U	0.00176	U	0.00186	U	0.00257	U	0.00281	U	0.00179	U	0.00179	U	0.00247	U
Endosulfan II	33213-65-9	102	mg/kg	0.00172	U	0.00195	U	0.0025	U	0.00183	U	-	-	-	-	0.00185	U	0.0202	U	0.00176	U	0.00186	U	0.00257	U	0.00281	U	0.00179	U	0.00179	U	0.00247	U
Endosulfan sulfate	1031-07-8	1000	mg/kg	0.000716	U	0.000813	U	0.00104	U	0.000762	U	-	-	-	-	0.00077	U	0.00842	U	0.000733	U	0.000777	U	0.00107	U	0.00117	U	0.000747	U	0.000745	U	0.00103	U
Endrin	72-20-8	0.06	mg/kg	0.000716	U	0.000813	U	0.00104	U	0.000762	U	-	-	-	-	0.00077	U	0.00842	U	0.000733	U	0.000777	U	0.00107	U	0.00117	U	0.000747	U	0.000745	U	0.00103	U
Endrin aldehyde	7421-93-4	~	mg/kg	0.00215	U	0.00244	U	0.00312	U	0.00229	U	-	-	-	-	0.00231	U	0.0253	U	0.0022	U	0.00233	U	0.00322	U	0.00352	U	0.00224	U	0.00223	U	0.00309	U
Endrin ketone	53494-70-5	~	mg/kg	0.00172	U	0.00195	U	0.0025	U	0.00183	U	-	-	-	-	0.00185	U	0.0202	U	0.00176	U	0.00186	U	0.00257	U	0.00281	U	0.00179	U	0.00179	U	0.00247	U
Heptachlor	76-44-8	0.38	mg/kg	0.00086	U	0.000976	U	0.00125	U	0.000914	U	-	-	-	-	0.000924	U	0.0101	U	0.00088	U	0.000933	U	0.00129	U	0.00141	U	0.000897	U	0.000894	U	0.00124	U
Heptachlor epoxide	1024-57-3	~	mg/kg	0.00322	U	0.00366	U	0.00468	U	0.00343	U	-	-	-	-	0.00346	U	0.0379	U	0.0033	U	0.0035	U	0.00483	U	0.00528	U	0.00336	U	0.00335	U	0.00464	U
Lindane	58-89-9	0.1	mg/kg	0.000716	U	0.000813	U	0.00104	U	0.000762	U	-	-	-	-	0.00077	U	0.00842	U	0.000733	U	0.000777	U	0.00107	U	0.00117	U	0.000747	U	0.000745	U	0.00103	U
Methoxychlor	72-43-5	~	mg/kg	0.00322	U	0.00366	U	0.00468	U	0.00343	U	-	-	-	-	0.00346	U	0.0379	U	0.0033	U	0.0035	U	0.00483	U	0.00528	U	0.00336	U	0.00335	U	0.00464	U
Toxaphene	8001-35-2	~	mg/kg	0.0322	U	0.0366	U	0.0468	U	0.0343	U	-	-	-	-	0.0346	U	0.379	U	0.033	U	0.035	U	0.0483	U	0.0528	U	0.0336	U	0.0335	U	0.0464	U
trans-Chlordane	5103-74-2	~	mg/kg	0.00215	U	0.00244	U	0.00312	U	0.00229	U	-	-	-	-	0.00231	U	0.0253	U	0.0022	U	0.00233	U	0.00322	U	0.00352	U	0.00224	U	0.00223	U	0.00309	U
Perfluorinated Alkyl Acids by EPA 1633																																	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8	39108-34-4	~	mg/kg	0.000794	U	0.000794	U	0.000797	U	0.000758	U	-	-	-	-	0.000793	U	0.000777	U	0.0008	U	-	-	0.00078	U	0.000782	U	0.000755	U	0.000781	U	0.000797	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6	27619-97-2	~	mg/kg	0.000794	U	0.000794	U	0.000797	U	0.000758	U	-	-	-	-	0.000793	U	0.000777	U	0.0008	U	-	-	0.00078	U	0.000782	U	0.000755	U	0.000781	U	0.000797	U
N-Ethyl Perfluorooctanesulfonamidoacetic Ac	2991-50-6	~	mg/kg	0.000198	U	0.000198	U	0.000199	U	0.00019	U	-	-	-	-	0.000198	U	0.000194	U	0.0002	U	-	-	0.000195	U	0.000196	U	0.000189	U	0.000195	U	0.000199	U
N-Methyl Perfluorooctanesulfonamidoacetic	2355-31-9	~	mg/kg	0.000198	U	0.000198	U	0.000199	U	0.00019	U	-	-	-	-	0.000198	U	0.000194	U	0.0002	U	-	-	0.000195	U	0.000196	U	0.000189	U	0.000195	U	0.000199	U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	0.000198	U	0.000198	U	0.000199	U	0.00019	U	-	-	-	-	0.000198	U	0.000194	U	0.0002	U	-	-	0.000195	U	0.000196	U	0.000189	U	0.000195	U	0.000199	U
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	0.000794	U	0.000794	U	0.000797	U	0.000758	U	-	-	-	-	0.000793	U	0.000777	U	0.0008	U	-	-	0.00078	U	0.000782	U	0.000755	U	0.000781	U	0.000797	U
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	0.000198	U	0.000198	U	0.000199	U	0.00019	U	-	-	-	-	0.000198	U	0.000194	U	0.0002	U	-	-	0.000195	U	0.000196	U	0.000189	U	0.000195	U	0.000199	U
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	0.000198	U	0.000198	U	0.000199	U	0.00019	U	-	-	-	-	0.000198	U	0.000194	U	0.0002	U	-	-	0.000195	U	0.000196	U	0.000189	U	0.000195	U	0.000199	U
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	0.000198	U	0.000198	U	0.000199	U	0.00019	U	-	-	-	-	0.000198	U	0.000194	U	0.0002	U	-	-	0.000195	U	0.000196	U	0.000189	U	0.000195	U	0.000199	U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	0.000198	U	0.000198	U	0.000199	U	0.00019	U	-	-	-	-	0.000198	U	0.000194	U	0.0002	U	-	-	0.000195	U	0.000196	U	0.000189	U	0.000195	U	0.000199	U
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	0.000198	U	0.000198	U	0.000199	U	0.00019	U	-	-	-	-	0.000198	U	0.000194	U	0.0002	U	-	-	0.000195	U	0.000196	U	0.000189	U	0.000195	U	0.000199	U
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	0.000198	U	0.000175	J	0.000199	U	0.00019	U	-	-	-	-	0.000198	U	0.000194	U	0.0002	U	-	-	0.000195	U	0.000196	U	0.000189	U	0.000195	U	0.000199	U
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	0.000198	U	0.000198	U	0.000199	U	0.00019	U	-	-	-	-	0.000198	U	0.000194	U	0.0002	U	-	-	0.000195	U	0.000196	U	0.000189	U	0.000195	U	0.000199	U
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	0.000198	U	0.000198	U	0.000199	U	0.00019	U	-	-	-	-	0.000198	U	0.000194	U	0.0002	U	-	-	0.000195	U	0.000196	U	0.000189	U	0.000195	U	0.000199	U
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	0.000198	U	0.000198	U	0.000199	U	0.00019	U	-	-	-	-	0.000198	U	0.000194	U	0.0002	U	-	-	0.000195	U	0.000196	U	0.000189	U	0.000195	U	0.000199	U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	0.000198	U	0.000533		0.000199	U	0.000082	J	-	-	-	-	0.000198	U	0.000194	U	0.0002	U	-	-	0.000195	U	0.000196	U	0.000189	U	0.000195	U	0.000199	U
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	0.000198	U	0.000092	J	0.000199	U	0.000068	J	-	-	-	-	0.000198	U	0.000194	U	0.0002	U	-	-	0.000195	U	0.000229		0.000189	U	0.000195	U	0.000199	U
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	0.000397	U	0.000397	U	0.000399	U	0.000379	U	-	-	-	-	0.000397	U	0.000388	U	0.0004	U	-	-	0.00039	U	0.000391	U	0.000378	U	0.00006	J	0.000398	U
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	0.000198	U	0.000198	U	0.000199	U	0.00019	U	-	-	-	-	0.000198	U	0.000194	U	0.0002	U	-	-	0.000195	U	0.000196	U	0.000189	U	0.000195	U	0.000199	U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	0.000198	U	0.000198	U	0.000199	U	0.00019	U	-	-	-	-	0.000198	U	0.000194	U	0.0002	U	-	-	0.000195	U	0.000196	U	0.000189	U	0.000195	U	0.000199	U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	0.000198	U	0.000198	U	0.000199	U	0.00019	U	-	-	-	-	0.000198	U	0.000194	U	0.0002	U	-	-	0.000195	U	0.000196	U	0.000189	U	0.000195	U	0.000199	U
PFOA/PFOS, Total	null	~	mg/kg	0.000198	U	0.000625	J	0.000199	U	0.000149	J	-	-	-	-	0.000198	U	0.000194	U	0.0002	U	-	-	0.000195	U	0.000229		0.000189	U	0.000195	U	0.000199	U
Polychlorinated Biphenyls by GC																																	
Aroclor 1016	12674-11-2	3.2	mg/kg	0.0522	U	0.0596	U	0.0804	U	0.0558	U	-	-	-	-	0.055	U	0.0604	U	0.057	U	0.0564	U	0.0767	U	0.0849	U	0.0546	U	0.055	U	0.0776	U
Aroclor 1221	11104-28-2	3.2	mg/kg	0.0522	U	0.0596	U	0.0804	U	0.0558	U	-	-	-	-	0.055	U	0.0604	U	0.057	U	0.0564	U	0.0767	U	0.0849	U	0.0546	U	0.055	U	0.0776	U
Aroclor 1232	11141-16-5	3.2	mg/kg	0.0522	U	0.0596	U	0.0804	U	0.0558	U	-	-	-	-	0.055	U	0.0604	U	0.057	U	0.0564	U	0.0767	U	0.0849	U	0.0546	U	0.055	U	0.0776	U
Aroclor 1242	53469-21-9	3.2	mg/kg	0.0522	U	0.0596	U	0.0804	U	0.0558	U	-	-	-	-	0.055	U	0.0604	U	0.057	U	0.0564	U	0.0767	U	0.0849	U	0.0546	U	0.055	U	0.0776	U
Aroclor 1248	12672-29-6	3.2	mg/kg	0.0522	U	0.0596	U	0.0804	U	0.0558	U	-	-	-	-	0.055	U	0.0604	U	0.057	U	0.0564	U	0.0767	U	0.0849	U	0.0546	U	0.055	U	0.0776	U
Aroclor 1254	11097-69-1	3.2	mg/kg	0.0522	U	0.0596	U	0.0804	U	0.0558	U	-	-	-	-	0.055	U	0.0604	U	0.057	U	0.0564	U	0.0767	U	0.0849	U	0.0546	U	0.055	U	0.0776	U
Aroclor 1260	11096-82-5	3.2	mg/kg	0.0522	U	0.0596	U	0.0804	U	0.0558	U	-	-	-	-	0.055	U	0.0604	U	0.057	U	0.0564	U	0.0767	U	0.0849	U	0.0546	U	0.055	U	0.0776	U
Aroclor 1262	37324-23-5	3.2	mg/kg	0.0522	U	0.0596	U	0.0804	U	0.0558	U	-	-	-	-	0.055	U	0.0604	U	0.057	U	0.0564	U	0.0767	U	0.0849	U	0.0546	U	0.055	U	0.0776	U
Aroclor 1268	11100-14-4	3.2	mg/kg	0.0522	U	0.0596	U	0.0804	U	0.0558	U	-	-	-	-	0.055	U	0.0604	U	0.057	U	0.0564	U	0.0767	U	0.0849	U	0.0546	U	0.055	U	0.0776	U
PCBs, Total	1336-36-3	3.2	mg/kg	0.0522	U	0.0596	U	0.0804	U	0.0558	U	-	-	-	-	0.055	U	0.0604	U	0.057	U	0.0564	U	0.0767	U	0.0849	U	0.0546	U	0.055	U	0.0776	U
Semivolatile Organics by GC/MS																																	
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	0.98	U	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	0.98	U	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	0.98	U	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	0.98	U	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	0.98	U	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.028	U	0.031	U	0.04	U	0.03	U	0.15	U	-	-	0.029	U	0.032	U	0.029	U	0.029	U	0.041	U	0.046	U	0.028	U	0.029	U	0.04	U
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	0.98	U	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	0.11	U	0.12	U	0.16	U	0.12	U	0.59	U	-	-	0.12	U	0.13	U	0.12	U	0.11	U	0.16	U	0.18	U	0.11	U	0.12	U	0.16	U
2,4-Dichlorophenol	120-83-2	~	mg/kg	0.16	U	0.18	U	0.24	U	0.18	U	0.89	U	-	-	0.17	U	0.19	U	0.17	U	0.17	U	0.25	U	0.28	U	0.17	U	0.17	U	0.24	U
2,4-Dimethylphenol	105-67-9	~	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	0.8	J	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
2,4-Dinitrophenol	51-28-5	~	mg/kg	0.88	U	0.99	U	1.3	U	0.95	U	4.7	U	-	-	0.93	U	1	U	0.92	U	0.92	U	1.3	U	1.5	U	0.89	U	0.92	U	1.3	U
2,4-Dinitrotoluene	121-14-2	~	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	0.98	U	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
2,6-Dinitrotoluene	606-20-2	~	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	0.98	U	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
2-Chloronaphthalene	91-58-7	~	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	0.98	U	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
2-Chlorophenol	95-57-8	~	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	0.98	U	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
2-Methylnaphthalene	91-57-6	~	mg/kg	0.22	U	0.25	U	0.32	U	0.037	J	4.7		-	-	0.23	U	0.25	U	0.23	U	0.27		0.33	U	0.37	U	0.22	U	0.23	U	0.32	U
2-Methylphenol	95-48-7	0.33	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	**0.52**	J	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
2-Nitroaniline	88-74-4	~	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	0.98	U	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
2-Nitrophenol	88-75-5	~	mg/kg	0.4	U	0.44	U	0.58	U	0.43	U	2.1	U	-	-	0.42	U	0.46	U	0.41	U	0.41	U	0.59	U	0.66	U	0.4	U	0.41	U	0.58	U

Table 3.4
Endpoint Analytical Data (7-11 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-57-022624		EP-58-022624		EP-61-022724		EP-63-03-13-24 (7-8')		EP-64-03-14-24 (10')		EP-64-03-14-24 (10')		EP-64-03-27-24 10'		EP-65-03-14-24 (9')		EP-66-03-08-24-(7-8')		EP-67-03-15-24-9		EP-67-04-10-24 10'		EP-68-051424 (9')		EP-69 05-10-24 8'		EP-70-022924 7-8'		EP-71-050224	
SAMPLING DATE				2/26/2024		2/26/2024		2/27/2024		3/13/2024		3/14/2024		3/14/2024		3/27/2024		3/14/2024		3/8/2024		3/15/2024		4/10/2024		5/14/2024		5/10/2024		2/29/2024		5/2/2024	
LAB SAMPLE ID				L2410334-01		L2410334-02		L2410431-02		L2413621-01		L2414006-01		L2414006-01 R1		L2416695-01		L2414006-02		L2412910-06		L2414337-03		L2419555-03		L2426562-02		L2425968-01		L2411037-02		L2424224-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH				8		8		11		7-8		10		10		10		9		7-8		9		10		9		8		7-8			
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	0.98	U	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	mg/kg	0.26	U	0.3	U	0.38	U	0.031	J	**1.4**		-	-	0.28	U	**0.39**		0.28	U	0.28	U	0.4	U	0.44	U	0.27	U	0.28	U	0.38	U
3-Nitroaniline	99-09-2	~	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	0.98	U	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	0.48	U	0.54	U	0.69	U	0.51	U	2.6	U	-	-	0.5	U	0.55	U	0.5	U	0.5	U	0.72	U	0.8	U	0.48	U	0.5	U	0.7	U
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	0.98	U	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
4-Chloroaniline	106-47-8	~	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	0.98	U	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	0.98	U	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
4-Nitroaniline	100-01-6	~	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	0.98	U	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
4-Nitrophenol	100-02-7	~	mg/kg	0.26	U	0.29	U	0.37	U	0.28	U	1.4	U	-	-	0.27	U	0.3	U	0.27	U	0.27	U	0.38	U	0.43	U	0.26	U	0.27	U	0.38	U
Acenaphthene	83-32-9	98	mg/kg	0.15	U	0.062	J	0.21	U	0.044	J	27		-	-	0.029	J	0.028	J	0.15	U	0.36		0.22	U	0.24	U	0.15	U	0.15	U	0.21	U
Acenaphthylene	208-96-8	107	mg/kg	0.15	U	0.27		0.21	U	0.045	J	18		-	-	0.15	U	0.039	J	0.15	U	0.15	U	0.22	U	0.24	U	0.15	U	0.15	U	0.21	U
Acetophenone	98-86-2	~	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	0.98	U	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
Anthracene	120-12-7	1000	mg/kg	0.11	U	0.13		0.16	U	0.094	J	16		-	-	0.12	U	0.13	U	0.12	U	0.069	J	0.16	U	0.18	U	0.11	U	0.12	U	0.16	U
Benzo(a)anthracene	56-55-3	1	mg/kg	0.046	J	0.79		0.16	U	0.24		**32**		-	-	0.12	U	0.064	J	0.12	U	0.15		0.16	U	0.18	U	0.058	J	0.032	J	0.061	J
Benzo(a)pyrene	50-32-8	22	mg/kg	0.046	J	1.5		0.21	U	0.22		**34**		-	-	0.15	U	0.074	J	0.15	U	0.15		0.22	U	0.24	U	0.063	J	0.06	J	0.073	J
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	0.05	J	1.2		0.16	U	0.28		**27**		-	-	0.12	U	0.073	J	0.12	U	0.17		0.16	U	0.18	U	0.085	J	0.038	J	0.064	J
Benzo(ghi)perylene	191-24-2	1000	mg/kg	0.023	J	1.5		0.21	U	0.16		22		-	-	0.15	U	0.066	J	0.15	U	0.093	J	0.22	U	0.24	U	0.03	J	0.046	J	0.053	J
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	0.11	U	0.35		0.16	U	0.07	J	**5.1**		-	-	0.12	U	0.13	U	0.12	U	0.049	J	0.16	U	0.18	U	0.038	J	0.12	U	0.16	U
Benzoic Acid	65-85-0	~	mg/kg	0.6	U	0.67	U	0.86	U	0.64	U	3.2	U	-	-	0.62	U	0.68	U	0.62	U	0.62	U	0.89	U	0.99	U	0.6	U	0.62	U	0.87	U
Benzyl Alcohol	100-51-6	~	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	0.98	U	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
Biphenyl	92-52-4	~	mg/kg	0.42	U	0.47	U	0.61	U	0.45	U	2.3		-	-	0.44	U	0.48	U	0.44	U	0.044	J	0.63	U	0.7	U	0.42	U	0.44	U	0.61	U
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	0.2	U	0.22	U	0.29	U	0.21	U	1.1	U	-	-	0.21	U	0.23	U	0.21	U	0.21	U	0.3	U	0.33	U	0.2	U	0.21	U	0.29	U
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	0.16	U	0.18	U	0.24	U	0.18	U	0.89	U	-	-	0.17	U	0.19	U	0.17	U	0.17	U	0.25	U	0.28	U	0.17	U	0.17	U	0.24	U
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	0.22	U	0.25	U	0.32	U	0.24	U	1.2	U	-	-	0.23	U	0.25	U	0.23	U	0.23	U	0.33	U	0.37	U	0.22	U	0.23	U	0.32	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	0.98	U	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18		0.19	U	0.27	U
Butyl benzyl phthalate	85-68-7	~	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	0.98	U	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
Carbazole	86-74-8	~	mg/kg	0.18	U	0.028	J	0.27	U	0.032	J	2.8		-	-	0.19	U	0.21	U	0.19	U	0.029	J	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
Chrysene	218-01-9	1	mg/kg	0.04	J	0.73		0.16	U	0.24		**27**		-	-	0.12	U	0.062	J	0.12	U	0.14		0.16	U	0.18	U	0.049	J	0.028	J	0.052	J
Di-n-butylphthalate	84-74-2	~	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	0.98	U	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
Di-n-octylphthalate	117-84-0	~	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	0.98	U	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	0.11	U	0.15		0.16	U	0.036	J	3.5		-	-	0.12	U	0.13	U	0.12	U	0.11	U	0.16	U	0.18	U	0.11	U	0.12	U	0.16	U
Dibenzofuran	132-64-9	210	mg/kg	0.18	U	0.023	J	0.27	U	0.035	J	3.6		-	-	0.19	U	0.21	U	0.19	U	0.14	J	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
Diethyl phthalate	84-66-2	~	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	0.98	U	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
Dimethyl phthalate	131-11-3	~	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	0.98	U	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
Fluoranthene	206-44-0	1000	mg/kg	0.097	J	1.3		0.16	U	0.58		75	E	92		0.032	J	0.12	J	0.12	U	0.35		0.16	U	0.18	U	0.1	J	0.069	J	0.11	J
Fluorene	86-73-7	386	mg/kg	0.18	U	0.061	J	0.27	U	0.044	J	8.9		-	-	0.19	U	0.02	J	0.19	U	0.15	J	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.11	U	0.12	U	0.16	U	0.12	U	0.59	U	-	-	0.12	U	0.13	U	0.12	U	0.11	U	0.16	U	0.18	U	0.11	U	0.12	U	0.16	U
Hexachlorobutadiene	87-68-3	~	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	0.98	U	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	0.53	U	0.59	U	0.76	U	0.56	U	2.8	U	-	-	0.55	U	0.6	U	0.55	U	0.55	U	0.79	U	0.88	U	0.53	U	0.55	U	0.77	U
Hexachloroethane	67-72-1	~	mg/kg	0.15	U	0.16	U	0.21	U	0.16	U	0.79	U	-	-	0.15	U	0.17	U	0.15	U	0.15	U	0.22	U	0.24	U	0.15	U	0.15	U	0.21	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	0.15	U	0.96		0.21	U	0.11	J	**12**		-	-	0.15	U	0.042	J	0.15	U	0.085	J	0.22	U	0.24	U	0.032	J	0.033	J	0.038	J
Isophorone	78-59-1	~	mg/kg	0.16	U	0.18	U	0.24	U	0.18	U	0.89	U	-	-	0.17	U	0.19	U	0.17	U	0.17	U	0.25	U	0.28	U	0.17	U	0.17	U	0.24	U
\	621-64-7	~	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	0.98	U	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
Naphthalene	91-20-3	12	mg/kg	0.18	U	0.067	J	0.27	U	0.11	J	**17**		-	-	0.19	U	0.058	J	0.19	U	0.24		0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
NDPA/DPA	86-30-6	~	mg/kg	0.15	U	0.16	U	0.21	U	0.16	U	0.79	U	-	-	0.15	U	0.17	U	0.15	U	0.15	U	0.22	U	0.24	U	0.15	U	0.15	U	0.21	U
Nitrobenzene	98-95-3	~	mg/kg	0.16	U	0.18	U	0.24	U	0.18	U	0.89	U	-	-	0.17	U	0.19	U	0.17	U	0.17	U	0.25	U	0.28	U	0.17	U	0.17	U	0.24	U
p-Chloro-m-cresol	59-50-7	~	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	0.98	U	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
Pentachlorophenol	87-86-5	0.8	mg/kg	0.15	U	0.16	U	0.21	U	0.16	U	0.79	U	-	-	0.15	U	0.17	U	0.15	U	0.15	U	0.22	U	0.24	U	0.15	U	0.15	U	0.21	U
Phenanthrene	85-01-8	1000	mg/kg	0.063	J	0.48		0.16	U	0.39		33		-	-	0.045	J	0.089	J	0.12	U	0.38		0.16	U	0.18	U	0.091	J	0.029	J	0.053	J
Phenol	108-95-2	0.33	mg/kg	0.18	U	0.21	U	0.27	U	0.2	U	**0.71**	J	-	-	0.19	U	0.21	U	0.19	U	0.19	U	0.28	U	0.31	U	0.18	U	0.19	U	0.27	U
Pyrene	129-00-0	1000	mg/kg	0.094	J	2.2		0.16	U	0.53		100	E	140		0.048	J	0.13		0.021	J	0.32		0.16	U	0.18	U	0.086	J	0.095	J	0.14	J
Total Metals																																	
Aluminum, Total	7429-90-5	~	mg/kg	7200		5410		14500		4680		-	-	-	-	5990		3920		7440		4770		12400		9740		7400		6930		9070	
Antimony, Total	7440-36-0	~	mg/kg	0.416	J	1.5	J	12.3	U	0.936	J	-	-	-	-	4.52	U	1.88	J	11.4	U	1.15	J	6.58	U	7.04	U	4.42	U	11.3	U	6.4	U
Arsenic, Total	7440-38-2	16	mg/kg	4.73		10.9		11.5		5.46		7.68		-	-	4.17		6.43		2.2	J	**18.7**		7.25		7.76		2.5		5.39		11.2	
Barium, Total	7440-39-3	820	mg/kg	43.6		106		24.6		46.7		-	-	-	-	26.1		161		35.3		232		41.9		19.9		37.6		66.2		45.4	
Beryllium, Total	7440-41-7	47	mg/kg	0.354	J	0.37	J	0.825	J	2.69		-	-	-	-	0.286	J	0.3	J	0.392	J	0.331	J	0.326	J	0.24	J	0.39	J	0.43	J	0.301	J
Cadmium, Total	7440-43-9	7.5	mg/kg	0.85	U	0.217	J	2.46	U	0.791	J	-	-	-	-	0.213	J	0.32	J	2.28	U	1.51	J	1.32	U	1.41	U	0.885	U	2.26	U	1.28	U
Calcium, Total	7440-70-2	~	mg/kg	698		17200		2620		52300		-	-	-	-	843		20100		2410		48800		3020		2220		1590		2910		4410	
Chromium, Total	7440-47-3	~	mg/kg	12.3		10.6		30.4		6.85		-	-	-	-	11.6		7.97		15.3		11.2		32.5		24		14.7		11.6		22	
Cobalt, Total	7440-48-4	~	mg/kg	5.82		5		10.3		27.7		-	-	-	-	3.23		5.36		6.38		5.52		4.83		4.24		5.43		4.79		4.89	
Copper, Total	7440-50-8	1720	mg/kg	15.1		85.8		17.3		141		-	-	-	-	10.3		39.1		17.2		198		14.6		10.3		16.2		30.2		14.4	
Iron, Total	7439-89-6	~	mg/kg	11200		10700		35800		7420		-	-	-	-	13700		9990		13400		15100		25200		21600		12600		12500		22300	
Lead, Total	7439-92-1	450	mg/kg	48.9		**454**		18		107		-	-	-	-	40		207		16.2		**525**		23.6		18		34.8		93		24.3	
Magnesium, Total	7439-95-4	~	mg/kg	1760		2010		6850		1190		-	-	-	-	1660		960		2490		7170		4690		3990		2500		2060		3940	
Manganese, Total	7439-96-5	2000	mg/kg	118		151		387		123		-	-	-	-	85.5		205		261		229		221		139		248		85		162	
Mercury, Total	7439-97-6	0.73	mg/kg	0.6		**2.46**		0.102	U	0.089	U	-	-	-	-	0.089		0.574		0.07	J	**0.866**		0.113	U	0.095	J	0.461		**0.894**		0.103	U
Nickel, Total	7440-02-0	130	mg/kg	14.2		23.3		28.2		69.7		-	-	-	-	15.2		13		24.8		16.4		18.1		14.2		26.4		17.7		15.6	
Potassium, Total	7440-09-7	~	mg/kg	588		730		2770		407	J	-	-	-	-	576		529	J	957		631		2540		2180		948		625		1920	
Selenium, Total	7782-49-2	4	mg/kg	1.7	U	0.75	J	4.93	U	4.61	U	-	-	-	-	1.81	U	5.03	U	4.55	U	0.763	J	0.459	J	0.364	J	1.77	U	4.51	U	0.496	J
Silver, Total	7440-22-4	8.3	mg/kg	0.425	U	0.393	J	1.23	U	1.15	U	-	-	-	-	0.452	U	1.26	U	1.14	U	1.13	U	0.658	U	0.704	U	0.442	U	1.13	U	0.64	U
Sodium, Total	7440-23-5	~	mg/kg	292		194		1300		597		-	-	-	-	140	J	371	J	150	J	296	J	550		642		175	J	175	J	342	
Thallium, Total	7440-28-0	~	mg/kg	1.7	U	1.91	U	4.93	U	4.61	U	-	-	-	-	1.81	U	5.03	U	4.55	U	4.51	U	2.63	U	2.81	U	0.416	J	4.51	U	2.56	U
Vanadium, Total	7440-62-2	~	mg/kg	17.3		17.4		34.1		16.7		-	-	-	-	15.6		19.9		23.3		16.9		39.4		31.7		24.6		17.5		30	
Zinc, Total	7440-66-6	2480	mg/kg	30.6		108		73.2		574		-	-	-	-	29.1		80.2		32.6		577		43.6		41		36.7		115		49	
Volatile Organics by EPA 5035																																	
1,1,1,2-Tetrachloroethane	630-20-6	~	mg/kg	0.0005	U	0.00068	U	0.00099	U	0.0008	U	-	-	-	-	0.00052	U	0.00092	U	0.00046	U	0.0005	U	0.0015	U	-	-	0.00046	U	0.00054	U	0.00092	U
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	0.0005	U	0.00068	U	0.00099	U	0.0008	U	-	-	-	-	0.00052	U	0.00092	U	0.00046	U	0.0005	U	0.0015	U	-	-	0.00046	U	0.00054	U	0.00092	U
1,1,2,2-Tetrachloroethane	79-34-5	~	mg/kg	0.0005	U	0.00068	U	0.00099	U	0.0008	U	-	-	-	-	0.00052	U	0.00092	U	0.00046	U	0.0005	U	0.0015	U	-	-	0.00046	U	0.00054	U	0.00092	U
1,1,2-Trichloroethane	79-00-5	~	mg/kg	0.001	U	0.0014	U	0.002	U	0.0016	U	-	-	-	-	0.001	U	0.0018	U	0.00091	U	0.001	U	0.003	U	-	-	0.00092	U	0.0011	U	0.0018	U
1,1-Dichloroethane	75-34-3	0.27	mg/kg	0.001	U	0.0014	U	0.002	U	0.0016	U	-	-	-	-	0.001	U	0.0018	U	0.00091	U	0.001	U	0.003	U	-	-	0.00092	U	0.0011	U	0.0018	U
1,1-Dichloroethene	75-35-4	0.33	mg/kg	0.001	U	0.0014	U	0.002	U	0.0016	U	-	-	-	-	0.001	U	0.0018	U	0.00091	U	0.001	U	0.003	U	-	-	0.00092	U	0.0011	U	0.0018	U

Table 3.4
Endpoint Analytical Data (7-11 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-57-022624		EP-58-022624		EP-61-022724		EP-63-03-13-24 (7-8')		EP-64-03-14-24 (10')		EP-64-03-14-24 (10')		EP-64-03-27-24 10'		EP-65-03-14-24 (9')		EP-66-03-08-24-(7-8')		EP-67-03-15-24-9		EP-67-04-10-24 10'		EP-68-051424 (9')		EP-69 05-10-24 8'		EP-70-022924 7-8'		EP-71-050224	
SAMPLING DATE				2/26/2024		2/26/2024		2/27/2024		3/13/2024		3/14/2024		3/14/2024		3/27/2024		3/14/2024		3/8/2024		3/15/2024		4/10/2024		5/14/2024		5/10/2024		2/29/2024		5/2/2024	
LAB SAMPLE ID				L2410334-01		L2410334-02		L2410431-02		L2413621-01		L2414006-01		L2414006-01 R1		L2416695-01		L2414006-02		L2412910-06		L2414337-03		L2419555-03		L2426562-02		L2425968-01		L2411037-02		L2424224-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH				8		8		11		7-8		10		10		10		9		7-8		9		10		9		8		7-8			
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1-Dichloropropene	563-58-6	~	mg/kg	0.0005	U	0.00068	U	0.00099	U	0.0008	U	-	-	-	-	0.00052	U	0.00092	U	0.00046	U	0.0005	U	0.0015	U	-	-	0.00046	U	0.00054	U	0.00092	U
1,2,3-Trichlorobenzene	87-61-6	~	mg/kg	0.002	U	0.0027	U	0.004	U	0.0032	U	-	-	-	-	0.0021	U	0.0037	U	0.0018	U	0.002	U	0.006	U	-	-	0.0018	U	0.0022	U	0.0037	U
1,2,3-Trichloropropane	96-18-4	~	mg/kg	0.002	U	0.0027	U	0.004	U	0.0032	U	-	-	-	-	0.0021	U	0.0037	U	0.0018	U	0.002	U	0.006	U	-	-	0.0018	U	0.0022	U	0.0037	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	mg/kg	0.002	U	0.0027	U	0.024		0.0032	U	-	-	-	-	0.0021	U	0.0037	U	0.0018	U	0.0026		0.006	U	-	-	0.0018	U	0.0022	U	0.0037	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.002	U	0.0027	U	0.004	U	0.0032	U	-	-	-	-	0.0021	U	0.0037	U	0.0018	U	0.002	U	0.006	U	-	-	0.0018	U	0.0022	U	0.0037	U
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	0.002	U	0.0027	U	0.0077		0.0032	U	-	-	-	-	0.0021	U	0.0037	U	0.0018	U	0.0012	J	0.006	U	-	-	0.0018	U	0.0022	U	0.0037	U
1,2-Dibromo-3-chloropropane	96-12-8	~	mg/kg	0.003	U	0.0041	U	0.0059	U	0.0048	U	-	-	-	-	0.0031	U	0.0055	U	0.0027	U	0.003	U	0.009	U	-	-	0.0028	U	0.0032	U	0.0055	U
1,2-Dibromoethane	106-93-4	~	mg/kg	0.001	U	0.0014	U	0.002	U	0.0016	U	-	-	-	-	0.001	U	0.0018	U	0.00091	U	0.001	U	0.003	U	-	-	0.00092	U	0.0011	U	0.0018	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.002	U	0.0027	U	0.004	U	0.0032	U	-	-	-	-	0.0021	U	0.0037	U	0.0018	U	0.002	U	0.006	U	-	-	0.0018	U	0.0022	U	0.0037	U
1,2-Dichloroethane	107-06-2	0.02	mg/kg	0.001	U	0.0014	U	0.002	U	0.0016	U	-	-	-	-	0.001	U	0.0018	U	0.00091	U	0.001	U	0.003	U	-	-	0.00092	U	0.0011	U	0.0018	U
1,2-Dichloroethene, Total	540-59-0	~	mg/kg	0.001	U	0.012	J	0.002	U	0.0016	U	-	-	-	-	0.001	U	0.0018	U	0.00091	U	0.001	U	0.003	U	-	-	0.00092	U	0.0011	U	0.0018	U
1,2-Dichloropropane	78-87-5	~	mg/kg	0.001	U	0.0014	U	0.002	U	0.0016	U	-	-	-	-	0.001	U	0.0018	U	0.00091	U	0.001	U	0.003	U	-	-	0.00092	U	0.0011	U	0.0018	U
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	0.002	U	0.0027	U	0.0049		0.0032	U	-	-	-	-	0.0021	U	0.0037	U	0.0018	U	0.0027		0.006	U	-	-	0.0018	U	0.0022	U	0.0037	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.002	U	0.0027	U	0.004	U	0.0032	U	-	-	-	-	0.0021	U	0.0037	U	0.0018	U	0.002	U	0.006	U	-	-	0.0018	U	0.0022	U	0.0037	U
1,3-Dichloropropane	142-28-9	~	mg/kg	0.002	U	0.0027	U	0.004	U	0.0032	U	-	-	-	-	0.0021	U	0.0037	U	0.0018	U	0.002	U	0.006	U	-	-	0.0018	U	0.0022	U	0.0037	U
1,3-Dichloropropene, Total	542-75-6	~	mg/kg	0.0005	U	0.00068	U	0.00099	U	0.0008	U	-	-	-	-	0.00052	U	0.00092	U	0.00046	U	0.0005	U	0.0015	U	-	-	0.00046	U	0.00054	U	0.00092	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.002	U	0.0027	U	0.004	U	0.0032	U	-	-	-	-	0.0021	U	0.0037	U	0.0018	U	0.002	U	0.006	U	-	-	0.0018	U	0.0022	U	0.0037	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.08	U	0.11	U	0.16	U	0.13	U	-	-	-	-	0.083	U	0.15	U	0.073	U	0.08	U	0.24	U	-	-	0.074	U	0.086	U	0.15	U
2,2-Dichloropropane	594-20-7	~	mg/kg	0.002	U	0.0027	U	0.004	U	0.0032	U	-	-	-	-	0.0021	U	0.0037	U	0.0018	U	0.002	U	0.006	U	-	-	0.0018	U	0.0022	U	0.0037	U
2-Butanone	78-93-3	0.12	mg/kg	0.003	J	0.014	U	0.0054	J	0.014	J	-	-	-	-	0.0032	J	0.0068	J	0.002	J	0.0064	J	0.057		-	-	0.0038	J	0.0052	J	0.018	U
2-Hexanone	591-78-6	~	mg/kg	0.01	U	0.014	U	0.02	U	0.016	U	-	-	-	-	0.01	U	0.018	U	0.0091	U	0.01	U	0.03	U	-	-	0.0092	U	0.011	U	0.018	U
4-Methyl-2-pentanone	108-10-1	~	mg/kg	0.01	U	0.014	U	0.02	U	0.016	U	-	-	-	-	0.01	U	0.018	U	0.0091	U	0.01	U	0.03	U	-	-	0.0092	U	0.011	U	0.018	U
Acetone	67-64-1	0.05	mg/kg	0.019		0.014	U	0.044		**0.064**		-	-	-	-	0.021		0.048		0.015		0.029		**0.27**		-	-	0.024		0.046		0.04	
Acrylonitrile	107-13-1	~	mg/kg	0.004	U	0.0054	U	0.0079	U	0.0064	U	-	-	-	-	0.0042	U	0.0074	U	0.0036	U	0.004	U	0.012	U	-	-	0.0037	U	0.0043	U	0.0073	U
Benzene	71-43-2	0.06	mg/kg	0.0005	U	0.00024	J	0.00099	U	0.0008	U	-	-	-	-	0.00052	U	0.00092	U	0.00046	U	0.0005	U	0.0015	U	-	-	0.00046	U	0.00054	U	0.00092	U
Bromobenzene	108-86-1	~	mg/kg	0.002	U	0.0027	U	0.004	U	0.0032	U	-	-	-	-	0.0021	U	0.0037	U	0.0018	U	0.002	U	0.006	U	-	-	0.0018	U	0.0022	U	0.0037	U
Bromochloromethane	74-97-5	~	mg/kg	0.002	U	0.0027	U	0.004	U	0.0032	U	-	-	-	-	0.0021	U	0.0037	U	0.0018	U	0.002	U	0.006	U	-	-	0.0018	U	0.0022	U	0.0037	U
Bromodichloromethane	75-27-4	~	mg/kg	0.0005	U	0.00068	U	0.00099	U	0.0008	U	-	-	-	-	0.00052	U	0.00092	U	0.00046	U	0.0005	U	0.0015	U	-	-	0.00046	U	0.00054	U	0.00092	U
Bromoform	75-25-2	~	mg/kg	0.004	U	0.0054	U	0.0079	U	0.0064	U	-	-	-	-	0.0042	U	0.0074	U	0.0036	U	0.004	U	0.012	U	-	-	0.0037	U	0.0043	U	0.0073	U
Bromomethane	74-83-9	~	mg/kg	0.002	U	0.0027	U	0.004	U	0.0032	U	-	-	-	-	0.0021	U	0.0037	U	0.0018	U	0.002	U	0.006	U	-	-	0.00068	J	0.0022	U	0.0037	U
Carbon disulfide	75-15-0	~	mg/kg	0.01	U	0.0073	J	0.02	U	0.016	U	-	-	-	-	0.01	U	0.018	U	0.0091	U	0.01	U	0.03	U	-	-	0.0092	U	0.011	U	0.018	U
Carbon tetrachloride	56-23-5	0.76	mg/kg	0.001	U	0.0014	U	0.002	U	0.0016	U	-	-	-	-	0.001	U	0.0018	U	0.00091	U	0.001	U	0.003	U	-	-	0.00092	U	0.0011	U	0.0018	U
Chlorobenzene	108-90-7	1.1	mg/kg	0.0005	U	0.00068	U	0.00099	U	0.0008	U	-	-	-	-	0.00052	U	0.00092	U	0.00046	U	0.0005	U	0.0015	U	-	-	0.00046	U	0.00054	U	0.00092	U
Chloroethane	75-00-3	~	mg/kg	0.002	U	0.0027	U	0.004	U	0.0032	U	-	-	-	-	0.0021	U	0.0037	U	0.0018	U	0.002	U	0.006	U	-	-	0.0018	U	0.0022	U	0.0037	U
Chloroform	67-66-3	0.37	mg/kg	0.0015	U	0.002	U	0.003	U	0.0024	U	-	-	-	-	0.0016	U	0.0028	U	0.0014	U	0.0015	U	0.0045	U	-	-	0.0014	U	0.0016	U	0.0028	U
Chloromethane	74-87-3	~	mg/kg	0.004	U	0.0054	U	0.0079	U	0.0064	U	-	-	-	-	0.0042	U	0.0074	U	0.0036	U	0.004	U	0.012	U	-	-	0.0037	U	0.0043	U	0.0073	U
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	0.001	U	0.011		0.002	U	0.0016	U	-	-	-	-	0.001	U	0.0018	U	0.00091	U	0.001	U	0.003	U	-	-	0.00092	U	0.0011	U	0.0018	U
cis-1,3-Dichloropropene	10061-01-5	~	mg/kg	0.0005	U	0.00068	U	0.00099	U	0.0008	U	-	-	-	-	0.00052	U	0.00092	U	0.00046	U	0.0005	U	0.0015	U	-	-	0.00046	U	0.00054	U	0.00092	U
Dibromochloromethane	124-48-1	~	mg/kg	0.001	U	0.0014	U	0.002	U	0.0016	U	-	-	-	-	0.001	U	0.0018	U	0.00091	U	0.001	U	0.003	U	-	-	0.00092	U	0.0011	U	0.0018	U
Dibromomethane	74-95-3	~	mg/kg	0.002	U	0.0027	U	0.004	U	0.0032	U	-	-	-	-	0.0021	U	0.0037	U	0.0018	U	0.002	U	0.006	U	-	-	0.0018	U	0.0022	U	0.0037	U
Dichlorodifluoromethane	75-71-8	~	mg/kg	0.01	U	0.014	U	0.02	U	0.016	U	-	-	-	-	0.01	U	0.018	U	0.0091	U	0.01	U	0.03	U	-	-	0.0092	U	0.011	U	0.018	U
Ethyl ether	60-29-7	~	mg/kg	0.002	U	0.0027	U	0.004	U	0.0032	U	-	-	-	-	0.0021	U	0.0037	U	0.0018	U	0.002	U	0.006	U	-	-	0.0018	U	0.0022	U	0.0037	U
Ethylbenzene	100-41-4	1	mg/kg	0.001	U	0.0014	U	0.002	U	0.0016	U	-	-	-	-	0.001	U	0.0018	U	0.00091	U	0.00014	J	0.003	U	-	-	0.00092	U	0.0011	U	0.0018	U
Hexachlorobutadiene	87-68-3	~	mg/kg	0.004	U	0.0054	U	0.0079	U	0.0064	U	-	-	-	-	0.0042	U	0.0074	U	0.0036	U	0.004	U	0.012	U	-	-	0.0037	U	0.0043	U	0.0073	U
Isopropylbenzene	98-82-8	~	mg/kg	0.001	U	0.0014	U	0.0083		0.0016	U	-	-	-	-	0.001	U	0.0018	U	0.00091	U	0.00093	J	0.003	U	-	-	0.00092	U	0.0011	U	0.0018	U
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	0.002	U	0.0027	U	0.004	U	0.0032	U	-	-	-	-	0.0021	U	0.0037	U	0.0018	U	0.002	U	0.006	U	-	-	0.0018	U	0.0022	U	0.00067	J
Methylene chloride	75-09-2	0.05	mg/kg	0.005	U	0.0068	U	0.0099	U	0.008	U	-	-	-	-	0.0052	U	0.0092	U	0.0046	U	0.005	U	0.015	U	-	-	0.0046	U	0.0054	U	0.0092	U
n-Butylbenzene	104-51-8	12	mg/kg	0.001	U	0.0014	U	0.0062		0.0016	U	-	-	-	-	0.001	U	0.0018	U	0.00091	U	0.001		0.003	U	-	-	0.00092	U	0.0011	U	0.0018	U
n-Propylbenzene	103-65-1	3.9	mg/kg	0.001	U	0.0014	U	0.009		0.0016	U	-	-	-	-	0.001	U	0.0018	U	0.00091	U	0.0011		0.003	U	-	-	0.00092	U	0.0011	U	0.0018	U
Naphthalene	91-20-3	12	mg/kg	0.004	U	0.0054	U	0.0089		0.0064	U	-	-	-	-	0.00079	J	0.0031	J	0.00076	J	0.0048		0.012	U	-	-	0.0037	U	0.0043	U	0.0073	U
o-Chlorotoluene	95-49-8	~	mg/kg	0.002	U	0.0027	U	0.004	U	0.0032	U	-	-	-	-	0.0021	U	0.0037	U	0.0018	U	0.002	U	0.006	U	-	-	0.0018	U	0.0022	U	0.0037	U
o-Xylene	95-47-6	~	mg/kg	0.001	U	0.0014	U	0.0012	J	0.0016	U	-	-	-	-	0.001	U	0.0018	U	0.00091	U	0.001	U	0.003	U	-	-	0.00092	U	0.0011	U	0.0018	U
p-Chlorotoluene	106-43-4	~	mg/kg	0.002	U	0.0027	U	0.004	U	0.0032	U	-	-	-	-	0.0021	U	0.0037	U	0.0018	U	0.002	U	0.006	U	-	-	0.0018	U	0.0022	U	0.0037	U
p-Diethylbenzene	105-05-5	~	mg/kg	0.002	U	0.0027	U	0.007		0.0032	U	-	-	-	-	0.0021	U	0.0037	U	0.0018	U	0.0064		0.006	U	-	-	0.0018	U	0.0022	U	0.0037	U
p-Ethyltoluene	622-96-8	~	mg/kg	0.002	U	0.0027	U	0.0042		0.0032	U	-	-	-	-	0.0021	U	0.0037	U	0.0018	U	0.002	U	0.006	U	-	-	0.0018	U	0.0022	U	0.0037	U
p-Isopropyltoluene	99-87-6	~	mg/kg	0.001	U	0.0014	U	0.002		0.0016	U	-	-	-	-	0.001	U	0.00022	J	0.00091	U	0.00064	J	0.003	U	-	-	0.00092	U	0.0011	U	0.0018	U
p/m-Xylene	179601-23-1	~	mg/kg	0.002	U	0.0027	U	0.0012	J	0.0032	U	-	-	-	-	0.0021	U	0.0037	U	0.0018	U	0.002	U	0.006	U	-	-	0.0018	U	0.0022	U	0.0037	U
sec-Butylbenzene	135-98-8	11	mg/kg	0.001	U	0.0014	U	0.0065		0.0016	U	-	-	-	-	0.001	U	0.0018	U	0.00091	U	0.00073	J	0.003	U	-	-	0.00092	U	0.0011	U	0.0018	U
Styrene	100-42-5	~	mg/kg	0.001	U	0.0014	U	0.002	U	0.0016	U	-	-	-	-	0.001	U	0.0018	U	0.00091	U	0.001	U	0.003	U	-	-	0.00092	U	0.0011	U	0.0018	U
tert-Butylbenzene	98-06-6	5.9	mg/kg	0.002	U	0.0027	U	0.0026	J	0.0032	U	-	-	-	-	0.0021	U	0.0037	U	0.0018	U	0.002	U	0.006	U	-	-	0.0018	U	0.0022	U	0.0037	U
Tetrachloroethene	127-18-4	1.3	mg/kg	0.0005	U	0.00068	U	0.00099	U	0.0008	U	-	-	-	-	0.00052	U	0.00092	U	0.00046	U	0.0005	U	0.0015	U	-	-	0.00046	U	0.00054	U	0.00092	U
Toluene	108-88-3	0.7	mg/kg	0.001	U	0.0014	U	0.002	U	0.0016	U	-	-	-	-	0.001	U	0.0018	U	0.00091	U	0.001	U	0.003	U	-	-	0.00092	U	0.0011	U	0.0018	U
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	0.0015	U	0.00082	J	0.003	U	0.0024	U	-	-	-	-	0.0016	U	0.0028	U	0.0014	U	0.0015	U	0.0045	U	-	-	0.0014	U	0.0016	U	0.0028	U
trans-1,3-Dichloropropene	10061-02-6	~	mg/kg	0.001	U	0.0014	U	0.002	U	0.0016	U	-	-	-	-	0.001	U	0.0018	U	0.00091	U	0.001	U	0.003	U	-	-	0.00092	U	0.0011	U	0.0018	U
trans-1,4-Dichloro-2-butene	110-57-6	~	mg/kg	0.005	U	0.0068	U	0.0099	U	0.008	U	-	-	-	-	0.0052	U	0.0092	U	0.0046	U	0.005	U	0.015	U	-	-	0.0046	U	0.0054	U	0.0092	U
Trichloroethene	79-01-6	0.47	mg/kg	0.0005	U	0.018		0.00099	U	0.0008	U	-	-	-	-	0.00052	U	0.00092	U	0.00046	U	0.0005	U	0.0015	U	-	-	0.00046	U	0.00054	U	0.00092	U
Trichlorofluoromethane	75-69-4	~	mg/kg	0.004	U	0.0054	U	0.0079	U	0.0064	U	-	-	-	-	0.0042	U	0.0074	U	0.0036	U	0.004	U	0.012	U	-	-	0.0037	U	0.0043	U	0.0073	U
Vinyl acetate	108-05-4	~	mg/kg	0.01	U	0.014	U	0.02	U	0.016	U	-	-	-	-	0.01	U	0.018	U	0.0091	U	0.01	U	0.03	U	-	-	0.0092	U	0.011	U	0.018	U
Vinyl chloride	75-01-4	0.02	mg/kg	0.001	U	0.00068	J	0.002	U	0.0016	U	-	-	-	-	0.001	U	0.0018	U	0.00091	U	0.001	U	0.003	U	-	-	0.00092	U	0.0011	U	0.0018	U
Xylenes, Total	1330-20-7	1.6	mg/kg	0.001	U	0.0014	U	0.0024	J	0.0016	U	-	-	-	-	0.001	U	0.0018	U	0.00091	U	0.001	U	0.003	U	-	-	0.00092	U	0.0011	U	0.0018	U

* Comparison is not performed on parameters with non-numeric criteria.
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted u

Table 3.4
Endpoint Analytical Data (7-11 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-73-022624		EP-73-050624 (10')		EP-75 091724 (17')		EP-76/2306470		EP-77-021524		EP-79-022924 7-8'		EP-79-022924 7-8'		EP-79-03-14-24 (9')		EP-79 03-29-24 10'		EP-79 03-29-24 10'		EP-79 04-12-24 11'		EP-81-03-14-24 (7-8')		EP-82-03-18-24 7'-8'		EP-84 05-10-24 8'		EP-87 022324		EP-87-022724	
SAMPLING DATE				2/26/2024		5/6/2024		9/17/2024		2/14/2024		2/15/2024		2/29/2024		2/29/2024		3/14/2024		3/29/2024		3/29/2024		4/12/2024		3/14/2024		3/18/2024		5/10/2024		2/23/2024		2/27/2024	
LAB SAMPLE ID				L2410334-03		L2424830-01		L2453334-01		L2408483-01		L2408483-03		L2411037-01		L2411037-01 R1		L2414006-03		L2417345-01		L2417345-01 R1		L2420193-01		L2414006-04		L2414633-06		L2425968-02		L2410242-01		L2410242-08	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH				8		10		17		9-10		9		7-8		7-8		9		10		10				7-8		7-8		8		8		8	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																																			
Chromium, Hexavalent	18540-29-9	19	mg/kg	0.902	U	0.922	U	0.822	J	1.2	U	0.97	U	0.956	U	-	-	1.02	U	0.884	U	-	-	0.965	U	0.882	U	1	U	0.94	U	0.992	U	-	-
Cyanide, Total	57-12-5	40	mg/kg	-	-	1.1	U	2.2	U	1.4	U	1.1	U	-	-	-	-	-	-			-	-	1.1	U	1.1	U	1.2	U	1.1	U	1.1	U	-	-
Solids, Total	NONE	~	%	88.7		86.8		43.8		66.4		82.5		83.7		-	-	78.6		90.5		-	-	82.9		90.7		79.6		85.1		80.6		80.6	
Organochlorine Pesticides by GC																																			
4,4'-DDD	72-54-8	14	mg/kg	-	-	0.00177	U	0.0351	U	0.00232	U	0.00414		-	-	-	-	-	-	-	-	-	-	0.00189	U	0.000805	J	0.00199	U	0.00181	U	0.00188	U	-	-
4,4'-DDE	72-55-9	17	mg/kg	-	-	0.00177	U	0.0116	JP	0.00232	U	0.0138		-	-	-	-	-	-	-	-	-	-	0.00189	U	0.000588	JIP	0.00199	U	0.00181	U	0.00188	U	-	-
4,4'-DDT	50-29-3	136	mg/kg	-	-	0.00177	U	0.0351	U	0.00232	U	0.0202		-	-	-	-	-	-	-	-	-	-	0.00189	U	0.0017	U	0.00199	U	0.00181	U	0.00188	U	-	-
Aldrin	309-00-2	0.19	mg/kg	-	-	0.00177	U	0.0351	U	0.00232	U	0.0019	U	-	-	-	-	-	-	-	-	-	-	0.00189	U	0.0017	U	0.00199	U	0.00181	U	0.00188	U	-	-
Alpha-BHC	319-84-6	0.02	mg/kg	-	-	0.000737	U	0.0146	U	0.000965	U	0.000792	U	-	-	-	-	-	-	-	-	-	-	0.000788	U	0.000709	U	0.000829	U	0.000754	U	0.000783	U	-	-
Beta-BHC	319-85-7	0.09	mg/kg	-	-	0.00177	U	0.0351	U	0.00232	U	0.0016	JIP	-	-	-	-	-	-	-	-	-	-	0.00189	U	0.0017	U	0.00199	U	0.00181	U	0.00188	U	-	-
Chlordane	57-74-9	~	mg/kg	-	-	0.0147	U	0.292	U	0.0193	U	0.0254		-	-	-	-	-	-	-	-	-	-	0.0158	U	0.0142	U	0.0166	U	0.0151	U	0.0157	U	-	-
cis-Chlordane	5103-71-9	2.9	mg/kg	-	-	0.00221	U	0.0439	U	0.00289	U	0.00238	U	-	-	-	-	-	-	-	-	-	-	0.00236	U	0.00213	U	0.00249	U	0.00226	U	0.00235	U	-	-
Delta-BHC	319-86-8	0.25	mg/kg	-	-	0.00177	U	0.0351	U	0.00232	U	0.0019	U	-	-	-	-	-	-	-	-	-	-	0.00189	U	0.0017	U	0.00199	U	0.00181	U	0.00188	U	-	-
Dieldrin	60-57-1	0.1	mg/kg	-	-	0.0011	U	0.0219	U	0.00145	U	0.00119	U	-	-	-	-	-	-	-	-	-	-	0.00118	U	0.00106	U	0.00124	U	0.00113	U	0.00117	U	-	-
Endosulfan I	959-98-8	102	mg/kg	-	-	0.00177	U	0.0351	U	0.00232	U	0.0019	U	-	-	-	-	-	-	-	-	-	-	0.00189	U	0.0017	U	0.00199	U	0.00181	U	0.00188	U	-	-
Endosulfan II	33213-65-9	102	mg/kg	-	-	0.00177	U	0.0351	U	0.00232	U	0.0019	U	-	-	-	-	-	-	-	-	-	-	0.00189	U	0.0017	U	0.00199	U	0.00181	U	0.00188	U	-	-
Endosulfan sulfate	1031-07-8	1000	mg/kg	-	-	0.000737	U	0.0146	U	0.000965	U	0.000792	U	-	-	-	-	-	-	-	-	-	-	0.000788	U	0.000709	U	0.000829	U	0.000754	U	0.000783	U	-	-
Endrin	72-20-8	0.06	mg/kg	-	-	0.000737	U	0.0146	U	0.000965	U	0.000792	U	-	-	-	-	-	-	-	-	-	-	0.000788	U	0.000709	U	0.000829	U	0.000754	U	0.000783	U	-	-
Endrin aldehyde	7421-93-4	~	mg/kg	-	-	0.00221	U	0.0439	U	0.00289	U	0.00238	U	-	-	-	-	-	-	-	-	-	-	0.00236	U	0.00213	U	0.00249	U	0.00226	U	0.00235	U	-	-
Endrin ketone	53494-70-5	~	mg/kg	-	-	0.00177	U	0.0351	U	0.00232	U	0.0019	U	-	-	-	-	-	-	-	-	-	-	0.00189	U	0.0017	U	0.00199	U	0.00181	U	0.00188	U	-	-
Heptachlor	76-44-8	0.38	mg/kg	-	-	0.000884	U	0.0176	U	0.00116	U	0.00095	U	-	-	-	-	-	-	-	-	-	-	0.000946	U	0.000851	U	0.000995	U	0.000904	U	0.00094	U	-	-
Heptachlor epoxide	1024-57-3	~	mg/kg	-	-	0.00332	U	0.0658	U	0.00434	U	0.00356	U	-	-	-	-	-	-	-	-	-	-	0.00355	U	0.00319	U	0.00373	U	0.00339	U	0.00352	U	-	-
Lindane	58-89-9	0.1	mg/kg	-	-	0.000737	U	0.0146	U	0.000965	U	0.000792	U	-	-	-	-	-	-	-	-	-	-	0.000788	U	0.000709	U	0.000829	U	0.000754	U	0.000783	U	-	-
Methoxychlor	72-43-5	~	mg/kg	-	-	0.00332	U	0.0658	U	0.00434	U	0.00356	U	-	-	-	-	-	-	-	-	-	-	0.00355	U	0.00319	U	0.00373	U	0.00339	U	0.00352	U	-	-
Toxaphene	8001-35-2	~	mg/kg	-	-	0.0332	U	0.658	U	0.0434	U	0.0356	U	-	-	-	-	-	-	-	-	-	-	0.0355	U	0.0319	U	0.0373	U	0.0339	U	0.0352	U	-	-
trans-Chlordane	5103-74-2	~	mg/kg	-	-	0.00221	U	0.0439	U	0.00289	U	0.00345		-	-	-	-	-	-	-	-	-	-	0.00236	U	0.00213	U	0.00249	U	0.00226	U	0.00235	U	-	-
Perfluorinated Alkyl Acids by EPA 1633																																			
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8	39108-34-4	~	mg/kg	-	-	0.000752	U	0.000917	U	0.000776	U	0.000771	U	-	-	-	-	-	-	-	-	-	-	0.000798	U	0.00076	U	0.00079	U	0.00077	U	0.000789	U	-	-
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6	27619-97-2	~	mg/kg	-	-	0.000752	U	0.000917	U	0.000776	U	0.000771	U	-	-	-	-	-	-	-	-	-	-	0.000798	U	0.000674	J	0.00079	U	0.00077	U	0.000789	U	-	-
N-Ethyl Perfluorooctanesulfonamidoacetic Ac	2991-50-6	~	mg/kg	-	-	0.000188	U	0.000229	U	0.000194	U	0.000193	U	-	-	-	-	-	-	-	-	-	-	0.000199	U	0.00019	U	0.000198	U	0.000193	U	0.000197	U	-	-
N-Methyl Perfluorooctanesulfonamidoacetic	2355-31-9	~	mg/kg	-	-	0.000188	U	0.000229	U	0.000194	U	0.000193	U	-	-	-	-	-	-	-	-	-	-	0.000199	U	0.00019	U	0.000198	U	0.000193	U	0.000197	U	-	-
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	-	-	0.000188	U	0.000229	U	0.000194	U	0.000193	U	-	-	-	-	-	-	-	-	-	-	0.000199	U	0.00019	U	0.000198	U	0.000193	U	0.000197	U	-	-
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	-	-	0.000752	U	0.000917	U	0.000776	U	0.000771	U	-	-	-	-	-	-	-	-	-	-	0.000798	U	0.00076	U	0.00079	U	0.00077	U	0.000789	U	-	-
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	-	-	0.000188	U	0.000229	U	0.000194	U	0.000193	U	-	-	-	-	-	-	-	-	-	-	0.000199	U	0.00019	U	0.000198	U	0.000193	U	0.000197	U	-	-
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	-	-	0.000188	U	0.000229	U	0.000194	U	0.000193	U	-	-	-	-	-	-	-	-	-	-	0.000199	U	0.00019	U	0.000198	U	0.000193	U	0.000197	U	-	-
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	-	-	0.000188	U	0.000229	U	0.000194	U	0.000193	U	-	-	-	-	-	-	-	-	-	-	0.000199	U	0.00019	U	0.000198	U	0.000193	U	0.000197	U	-	-
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	-	-	0.000188	U	0.000229	U	0.000194	U	0.000193	U	-	-	-	-	-	-	-	-	-	-	0.000199	U	0.00019	U	0.000198	U	0.000193	U	0.000197	U	-	-
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	-	-	0.000188	U	0.000229	U	0.000194	U	0.000193	U	-	-	-	-	-	-	-	-	-	-	0.000199	U	0.00019	U	0.000198	U	0.000193	U	0.000197	U	-	-
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	-	-	0.000056	J	0.000229	U	0.000194	U	0.000193	U	-	-	-	-	-	-	-	-	-	-	0.000199	U	0.00019	U	0.000198	U	0.000193	U	0.000197	U	-	-
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	-	-	0.000188	U	0.000229	U	0.000194	U	0.000193	U	-	-	-	-	-	-	-	-	-	-	0.000199	U	0.00019	U	0.000198	U	0.000193	U	0.000197	U	-	-
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	-	-	0.000188	U	0.000229	U	0.000194	U	0.000193	U	-	-	-	-	-	-	-	-	-	-	0.000199	U	0.00019	U	0.000198	U	0.000193	U	0.000197	U	-	-
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	-	-	0.000188	U	0.000229	U	0.000194	U	0.000193	U	-	-	-	-	-	-	-	-	-	-	0.000199	U	0.00019	U	0.000198	U	0.000193	U	0.000197	U	-	-
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	-	-	0.000107	JF	0.000229	U	0.000194	U	0.000193	U	-	-	-	-	-	-	-	-	-	-	0.000199	U	0.000126	J	0.000198	U	0.000193	U	0.000197	U	-	-
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	-	-	0.000188	U	0.000282		0.000194	U	0.000193	U	-	-	-	-	-	-	-	-	-	-	0.000199	U	0.000097	J	0.000103	J	0.00006	J	0.000197	U	-	-
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	-	-	0.000376	U	0.000458	U	0.000388	U	0.000385	U	-	-	-	-	-	-	-	-	-	-	0.000399	U	0.00038	U	0.000395	U	0.000385	U	0.000394	U	-	-
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	-	-	0.000188	U	0.000229	U	0.000194	U	0.000193	U	-	-	-	-	-	-	-	-	-	-	0.000199	U	0.00019	U	0.000198	U	0.000193	U	0.000197	U	-	-
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	-	-	0.000188	U	0.000229	U	0.000194	U	0.000193	U	-	-	-	-	-	-	-	-	-	-	0.000199	U	0.00019	U	0.000198	U	0.000193	U	0.000197	U	-	-
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	-	-	0.000188	U	0.000229	U	0.000194	U	0.000193	U	-	-	-	-	-	-	-	-	-	-	0.000199	U	0.00019	U	0.000198	U	0.000193	U	0.000197	U	-	-
PFOA/PFOS, Total	null	~	mg/kg	-	-	0.000107	J	-	-	0.000194	U	0.000193	U	-	-	-	-	-	-	-	-	-	-	0.000199	U	0.000223	J	0.000103	J	0.00006	J	0.000197	U	-	-
Polychlorinated Biphenyls by GC																																			
Aroclor 1016	12674-11-2	3.2	mg/kg	-	-	0.0534	U	0.112	U	0.0728	U	0.0586	U	-	-	-	-	-	-	-	-	-	-	0.0596	U	0.0515	U	0.0605	U	0.0573	U	0.0578	U	-	-
Aroclor 1221	11104-28-2	3.2	mg/kg	-	-	0.0534	U	0.112	U	0.0728	U	0.0586	U	-	-	-	-	-	-	-	-	-	-	0.0596	U	0.0515	U	0.0605	U	0.0573	U	0.0578	U	-	-
Aroclor 1232	11141-16-5	3.2	mg/kg	-	-	0.0534	U	0.112	U	0.0728	U	0.0586	U	-	-	-	-	-	-	-	-	-	-	0.0596	U	0.0515	U	0.0605	U	0.0573	U	0.0578	U	-	-
Aroclor 1242	53469-21-9	3.2	mg/kg	-	-	0.0534	U	0.112	U	0.0728	U	0.0586	U	-	-	-	-	-	-	-	-	-	-	0.0596	U	0.0515	U	0.0605	U	0.0573	U	0.0578	U	-	-
Aroclor 1248	12672-29-6	3.2	mg/kg	-	-	0.0534	U	0.112	U	0.0728	U	0.0586	U	-	-	-	-	-	-	-	-	-	-	0.0596	U	0.0515	U	0.0605	U	0.0573	U	0.0578	U	-	-
Aroclor 1254	11097-69-1	3.2	mg/kg	-	-	0.0534	U	0.112	U	0.0728	U	0.0229	J	-	-	-	-	-	-	-	-	-	-	0.0596	U	0.0515	U	0.0605	U	0.0573	U	0.0578	U	-	-
Aroclor 1260	11096-82-5	3.2	mg/kg	-	-	0.0534	U	0.112	U	0.0728	U	0.0586	U	-	-	-	-	-	-	-	-	-	-	0.0596	U	0.0515	U	0.0605	U	0.0573	U	0.0578	U	-	-
Aroclor 1262	37324-23-5	3.2	mg/kg	-	-	0.0534	U	0.112	U	0.0728	U	0.0586	U	-	-	-	-	-	-	-	-	-	-	0.0596	U	0.0515	U	0.0605	U	0.0573	U	0.0578	U	-	-
Aroclor 1268	11100-14-4	3.2	mg/kg	-	-	0.0534	U	0.112	U	0.0728	U	0.0586	U	-	-	-	-	-	-	-	-	-	-	0.0596	U	0.0515	U	0.0605	U	0.0573	U	0.0578	U	-	-
PCBs, Total	1336-36-3	3.2	mg/kg	-	-	0.0534	U	0.112	U	0.0728	U	0.0229	J	-	-	-	-	-	-	-	-	-	-	0.0596	U	0.0515	U	0.0605	U	0.0573	U	0.0578	U	-	-
Semivolatile Organics by GC/MS																																			
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.2	U	-	-	0.21	U	0.18	U	-	-	0.2	U	0.18	U	0.21	U	0.19	U	0.2	U	-	-
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.2	U	-	-	0.21	U	0.18	U	-	-	0.2	U	0.18	U	0.21	U	0.19	U	0.2	U	-	-
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.2	U	-	-	0.21	U	0.18	U	-	-	0.2	U	0.18	U	0.21	U	0.19	U	0.2	U	-	-
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.2	U	-	-	0.21	U	0.18	U	-	-	0.2	U	0.18	U	0.21	U	0.19	U	0.2	U	-	-
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.2	U	-	-	0.21	U	0.18	U	-	-	0.2	U	0.18	U	0.21	U	0.19	U	0.2	U	-	-
1,4-Dioxane	123-91-1	0.1	mg/kg	0.027	U	0.029	U	0.28	U	0.038	U	0.03	U	0.029	U	-	-	0.032	U	0.027	U	-	-	0.03	U	0.027	U	0.031	U	0.029	U	0.031	U	-	-
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.2	U	-	-	0.21	U	0.18	U	-	-	0.2	U	0.18	U	0.21	U	0.19	U	0.2	U	-	-
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	0.11	U	0.11	U	1.1	U	0.15	U	0.12	U	0.12	U	-	-	0.13	U	0.11	U	-	-	0.12	U	0.11	U	0.12	U	0.12	U	0.12	U	-	-
2,4-Dichlorophenol	120-83-2	~	mg/kg	0.16	U	0.17	U	1.7	U	0.22	U	0.18	U	0.18	U	-	-	0.19	U	0.16	U	-	-	0.18	U	0.16	U	0.19	U	0.17	U	0.18	U	-	-
2,4-Dimethylphenol	105-67-9	~	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.2	U	-	-	0.11	J	0.098	J	-	-	0.2	U	0.18	U	0.21	U	0.19	U	0.2	U	-	-
2,4-Dinitrophenol	51-28-5	~	mg/kg	0.88	U	0.92	U	9	U	1.2	U	0.94	U	0.94	U	-	-	1	U	0.87	U	-	-	0.96	U	0.87	U	1	U	0.92	U	0.99	U	-	-
2,4-Dinitrotoluene	121-14-2	~	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.2	U	-	-	0.21	U	0.18	U	-	-	0.2	U	0.18	U	0.21	U	0.19	U	0.2	U	-	-
2,6-Dinitrotoluene	606-20-2	~	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.2	U	-	-	0.21	U	0.18	U	-	-	0.2	U	0.18	U	0.21	U	0.19	U	0.2	U	-	-
2-Chloronaphthalene	91-58-7	~	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.2	U	-	-	0.21	U	0.18	U	-	-	0.2	U	0.18	U	0.21	U	0.19	U	0.2	U	-	-
2-Chlorophenol	95-57-8	~	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.2	U	-	-	0.21	U	0.18	U	-	-	0.2	U	0.18	U	0.21	U	0.19	U	0.2	U	-	-
2-Methylnaphthalene	91-57-6	~	mg/kg	0.053	J	0.096	J	2.2	U	0.61		0.24	U	0.38		-	-	0.63		0.7		-	-	0.24	U	0.034	J	0.096	J	0.052	J	0.079	J	-	-
2-Methylphenol	95-48-7	0.33	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.031	J	-	-	0.048	J	0.038	J	-	-	0.2	U	0.18	U	0.21	U	0.19	U	0.2	U	-	-
2-Nitroaniline	88-74-4	~	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.2	U	-	-	0.21	U	0.18	U	-	-	0.2	U	0.18	U	0.21	U	0.19	U	0.2	U	-	-
2-Nitrophenol	88-75-5	~	mg/kg	0.39	U	0.41	U	4.1	U	0.54	U	0.42	U	0.42	U	-	-	0.46	U	0.39	U	-	-	0.43	U	0.39	U	0.45	U	0.42	U	0.44	U	-	-

Table 3.4
Endpoint Analytical Data (7-11 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-73-022624		EP-73-050624 (10')		EP-75 091724 (17')		EP-76/2306470		EP-77-021524		EP-79-022924 7-8'		EP-79-022924 7-8'		EP-79-03-14-24 (9')		EP-79 03-29-24 10'		EP-79 03-29-24 10'		EP-79 04-12-24 11'		EP-81-03-14-24 (7-8')		EP-82-03-18-24 7'-8'		EP-84 05-10-24 8'		EP-87 022324		EP-87-022724	
SAMPLING DATE				2/26/2024		5/6/2024		9/17/2024		2/14/2024		2/15/2024		2/29/2024		2/29/2024		3/14/2024		3/29/2024		3/29/2024		4/12/2024		3/14/2024		3/18/2024		5/10/2024		2/23/2024		2/27/2024	
LAB SAMPLE ID				L2410334-03		L2424830-01		L2453334-01		L2408483-01		L2408483-03		L2411037-01		L2411037-01 R1		L2414006-03		L2417345-01		L2417345-01 R1		L2420193-01		L2414006-04		L2414633-06		L2425968-02		L2410242-01		L2410242-08	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH				8		10		17		9-10		9		7-8		7-8		9		10		10				7-8		7-8		8		8		8	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.2	U	-	-	0.21	U	0.18	U	-	-	0.2	U	0.18	U	0.21	U	0.19	U	0.2	U	-	-
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	mg/kg	0.26	U	0.03	J	2.7	U	0.36	U	0.28	U	0.1	J	-	-	0.099	J	0.12	J	-	-	0.29	U	0.26	U	0.56		0.075	J	0.3	U	-	-
3-Nitroaniline	99-09-2	~	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.2	U	-	-	0.21	U	0.18	U	-	-	0.2	U	0.18	U	0.21	U	0.19	U	0.2	U	-	-
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	0.48	U	0.5	U	4.9	U	0.65	U	0.51	U	0.51	U	-	-	0.55	U	0.47	U	-	-	0.52	U	0.47	U	0.54	U	0.5	U	0.53	U	-	-
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.2	U	-	-	0.21	U	0.18	U	-	-	0.2	U	0.18	U	0.21	U	0.19	U	0.2	U	-	-
4-Chloroaniline	106-47-8	~	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.2	U	-	-	0.21	U	0.18	U	-	-	0.2	U	0.18	U	0.21	U	0.19	U	0.2	U	-	-
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.2	U	-	-	0.21	U	0.18	U	-	-	0.2	U	0.18	U	0.21	U	0.19	U	0.2	U	-	-
4-Nitroaniline	100-01-6	~	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.2	U	-	-	0.21	U	0.18	U	-	-	0.2	U	0.18	U	0.21	U	0.19	U	0.2	U	-	-
4-Nitrophenol	100-02-7	~	mg/kg	0.26	U	0.27	U	2.6	U	0.35	U	0.28	U	0.28	U	-	-	0.3	U	0.25	U	-	-	0.28	U	0.25	U	0.29	U	0.27	U	0.29	U	-	-
Acenaphthene	83-32-9	98	mg/kg	0.14	J	0.09	J	1.5	U	0.2	U	0.023	J	0.98		-	-	0.84		2		-	-	0.027	J	0.16		0.091	J	0.095	J	0.078	J	-	-
Acenaphthylene	208-96-8	107	mg/kg	0.065	J	0.037	J	1.5	U	0.2	U	0.16	U	0.54		-	-	0.37		0.5		-	-	0.16	U	0.049	J	0.033	J	0.15	U	0.033	J	-	-
Acetophenone	98-86-2	~	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.2	U	-	-	0.21	U	0.026	J	-	-	0.2	U	0.18	U	0.21	U	0.19	U	0.2	U	-	-
Anthracene	120-12-7	1000	mg/kg	0.32		0.12		1.1	U	0.15	U	0.12	U	2.6		-	-	1.4		2.9		-	-	0.12	U	0.31		0.2		0.076	J	0.13		-	-
Benzo(a)anthracene	56-55-3	1	mg/kg	**1.1**		0.24		1.1	U	0.03	J	0.12	U	**4.4**		-	-	**3**		**4.8**		-	-	0.045	J	0.69		0.26		0.14		0.2		-	-
Benzo(a)pyrene	50-32-8	22	mg/kg	1.2		0.29		1.5	U	0.2	U	0.16	U	4.5		-	-	3.2		4.2		-	-	0.057	J	0.61		0.25		0.13	J	0.17		-	-
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	1.5		0.3		1.1	U	0.15	U	0.12	U	**5.1**		-	-	**3.6**		**5**		-	-	0.054	J	0.75		0.28		0.18		0.19		-	-
Benzo(ghi)perylene	191-24-2	1000	mg/kg	0.73		0.18		1.5	U	0.2	U	0.16	U	2.2		-	-	2		2.4		-	-	0.038	J	0.32		0.12	J	0.07	J	0.092	J	-	-
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	0.49		0.1	J	1.1	U	0.15	U	0.12	U	1.4		-	-	0.79		1.2		-	-	0.12	U	0.21		0.11	J	0.067	J	0.065	J	-	-
Benzoic Acid	65-85-0	~	mg/kg	0.59	U	0.62	U	6.1	U	0.81	U	0.64	U	0.64	U	-	-	0.68	U	0.59	U	-	-	0.65	U	0.59	U	0.67	U	0.62	U	0.67	U	-	-
Benzyl Alcohol	100-51-6	~	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.2	U	-	-	0.21	U	0.18	U	-	-	0.2	U	0.18	U	0.21	U	0.19	U	0.2	U	-	-
Biphenyl	92-52-4	~	mg/kg	0.42	U	0.44	U	4.3	U	0.57	U	0.45	U	0.14	J	-	-	0.11	J	0.2	J	-	-	0.45	U	0.41	U	0.032	J	0.44	U	0.47	U	-	-
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	0.2	U	0.21	U	2	U	0.27	U	0.21	U	0.21	U	-	-	0.23	U	0.2	U	-	-	0.22	U	0.2	U	0.22	U	0.21	U	0.22	U	-	-
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	0.16	U	0.17	U	1.7	U	0.22	U	0.18	U	0.18	U	-	-	0.19	U	0.16	U	-	-	0.18	U	0.16	U	0.19	U	0.17	U	0.18	U	-	-
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	0.22	U	0.23	U	2.2	U	0.3	U	0.24	U	0.24	U	-	-	0.25	U	0.22	U	-	-	0.24	U	0.22	U	0.25	U	0.23	U	0.25	U	-	-
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.2	U	-	-	0.21	U	0.18	U	-	-	0.2	U	0.18	U	0.21	U	0.19		0.2	U	-	-
Butyl benzyl phthalate	85-68-7	~	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.2	U	-	-	0.21	U	0.18	U	-	-	0.2	U	0.18	U	0.21	U	0.19	U	0.2	U	-	-
Carbazole	86-74-8	~	mg/kg	0.13	J	0.057	J	1.9	U	0.25	U	0.2	U	0.71		-	-	0.44		1.1		-	-	0.2	U	0.12	J	0.099	J	0.032	J	0.044	J	-	-
Chrysene	218-01-9	1	mg/kg	**1.1**		0.23		1.1	U	0.027	J	0.12	U	**4**		-	-	**2.8**		**4.4**		-	-	0.04	J	0.68		0.24		0.13		0.18		-	-
Di-n-butylphthalate	84-74-2	~	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.2	U	-	-	0.21	U	0.18	U	-	-	0.2	U	0.18	U	0.21	U	0.19	U	0.2	U	-	-
Di-n-octylphthalate	117-84-0	~	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.2	U	-	-	0.21	U	0.18	U	-	-	0.2	U	0.18	U	0.21	U	0.19	U	0.2	U	-	-
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	0.17		0.035	J	1.1	U	0.15	U	0.12	U	0.53		-	-	0.38		0.59		-	-	0.12	U	0.088	J	0.029	J	0.029	J	0.12	U	-	-
Dibenzofuran	132-64-9	210	mg/kg	0.07	J	0.074	J	1.9	U	0.039	J	0.2	U	0.8		-	-	0.45		1.3		-	-	0.2	U	0.075	J	0.11	J	0.05	J	0.046	J	-	-
Diethyl phthalate	84-66-2	~	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.2	U	-	-	0.21	U	0.18	U	-	-	0.2	U	0.18	U	0.21	U	0.19	U	0.2	U	-	-
Dimethyl phthalate	131-11-3	~	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.2	U	-	-	0.21	U	0.18	U	-	-	0.2	U	0.18	U	0.21	U	0.19	U	0.2	U	-	-
Fluoranthene	206-44-0	1000	mg/kg	2.5		0.57		1.1	U	0.054	J	0.12	U	12	E	10		6.5		9.2	E	14		0.1	J	1.6		0.62		0.29		0.45		-	-
Fluorene	86-73-7	386	mg/kg	0.11	J	0.092	J	1.9	U	0.052	J	0.021	J	1.4		-	-	0.72		1.8		-	-	0.021	J	0.13	J	0.12	J	0.064	J	0.092	J	-	-
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.11	U	0.11	U	1.1	U	0.15	U	0.12	U	0.12	U	-	-	0.13	U	0.11	U	-	-	0.12	U	0.11	U	0.12	U	0.12	U	0.12	U	-	-
Hexachlorobutadiene	87-68-3	~	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.2	U	-	-	0.21	U	0.18	U	-	-	0.2	U	0.18	U	0.21	U	0.19	U	0.2	U	-	-
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	0.52	U	0.55	U	5.4	U	0.72	U	0.56	U	0.56	U	-	-	0.6	U	0.52	U	-	-	0.57	U	0.52	U	0.6	U	0.55	U	0.59	U	-	-
Hexachloroethane	67-72-1	~	mg/kg	0.15	U	0.15	U	1.5	U	0.2	U	0.16	U	0.16	U	-	-	0.17	U	0.14	U	-	-	0.16	U	0.14	U	0.17	U	0.15	U	0.16	U	-	-
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	0.69		0.15		1.5	U	0.2	U	0.16	U	2		-	-	1.6		2.2		-	-	0.03	J	0.3		0.12	J	0.076	J	0.086	J	-	-
Isophorone	78-59-1	~	mg/kg	0.16	U	0.17	U	1.7	U	0.22	U	0.18	U	0.18	U	-	-	0.19	U	0.16	U	-	-	0.18	U	0.16	U	0.19	U	0.17	U	0.18	U	-	-
\	621-64-7	~	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.2	U	-	-	0.21	U	0.18	U	-	-	0.2	U	0.18	U	0.21	U	0.19	U	0.2	U	-	-
Naphthalene	91-20-3	12	mg/kg	0.12	J	0.38		0.36	J	0.13	J	0.03	J	0.99		-	-	1.5		1.3		-	-	0.025	J	0.06	J	0.28		0.16	J	0.083	J	-	-
NDPA/DPA	86-30-6	~	mg/kg	0.15	U	0.15	U	1.5	U	0.2	U	0.16	U	0.16	U	-	-	0.17	U	0.14	U	-	-	0.16	U	0.14	U	0.17	U	0.15	U	0.16	U	-	-
Nitrobenzene	98-95-3	~	mg/kg	0.16	U	0.17	U	1.7	U	0.22	U	0.18	U	0.18	U	-	-	0.19	U	0.16	U	-	-	0.18	U	0.16	U	0.19	U	0.17	U	0.18	U	-	-
p-Chloro-m-cresol	59-50-7	~	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.2	U	-	-	0.21	U	0.18	U	-	-	0.2	U	0.18	U	0.21	U	0.19	U	0.2	U	-	-
Pentachlorophenol	87-86-5	0.8	mg/kg	0.15	U	0.15	U	1.5	U	0.2	U	0.16	U	0.16	U	-	-	0.17	U	0.14	U	-	-	0.16	U	0.14	U	0.17	U	0.15	U	0.16	U	-	-
Phenanthrene	85-01-8	1000	mg/kg	1.2		0.51		1.1	U	0.1	J	0.041	J	11	E	9.1		4.7		8.4	E	12		0.082	J	1.2		0.62		0.29		0.44		-	-
Phenol	108-95-2	0.33	mg/kg	0.18	U	0.19	U	1.9	U	0.25	U	0.2	U	0.084	J	-	-	0.069	J	0.073	J	-	-	0.2	U	0.18	U	0.036	J	0.19	U	0.2	U	-	-
Pyrene	129-00-0	1000	mg/kg	2.3		0.52		1.1	U	0.051	J	0.12	U	11	E	8.6		6.2		8.1	E	13		0.11	J	1.4		0.52		0.24		0.41		-	-
Total Metals																																	
Aluminum, Total	7429-90-5	~	mg/kg	-	-	7030		17700		12000		9300		-	-	-	-	-	-	-	-	-	-	8940		3990		5140		5410		4170		-	-
Antimony, Total	7440-36-0	~	mg/kg	-	-	0.626	J	8.71	U	0.678	J	0.737	J	-	-	-	-	-	-	-	-	-	-	4.63	U	1.41	J	1.11	J	0.514	J	1.53	J	-	-
Arsenic, Total	7440-38-2	16	mg/kg	6.16		4.85		9.29		9.41		6.68		11		-	-	**18.2**		8.15	-	-	-	5.98		2.14		7.39		7.96		7.7		-	-
Barium, Total	7440-39-3	820	mg/kg	-	-	51.2		84.1		36.4		95.4		-	-	-	-	-	-	-	-	-	-	22		55.9		127		100		175		-	-
Beryllium, Total	7440-41-7	47	mg/kg	-	-	0.437	J	0.887		0.714		0.556		-	-	-	-	-	-	-	-	-	-	0.28	J	0.331	J	0.326	J	0.342	J	0.263	J	-	-
Cadmium, Total	7440-43-9	7.5	mg/kg	-	-	0.906	U	1.74	U	0.197	J	0.954	U	-	-	-	-	-	-	-	-	-	-	0.926	U	0.366	J	2.44	U	0.914	U	0.943	J	-	-
Calcium, Total	7440-70-2	~	mg/kg	-	-	4210		3690		2150		2850		-	-	-	-	-	-	-	-	-	-	2650		1850		5670		6880		16300		-	-
Chromium, Total	7440-47-3	~	mg/kg	`	-	12.8		32.7		24.6		20.1		-	-	-	-	-	-	-	-	-	-	20.7		10.3		14.8		10.7		12.2		-	-
Cobalt, Total	7440-48-4	~	mg/kg	-	-	6.75		8.82		9.14		5.44		-	-	-	-	-	-	-	-	-	-	4.37		4.83		4.88		4.74		4.51		-	-
Copper, Total	7440-50-8	1720	mg/kg	-	-	17.6		49.8		15.8		27.9		-	-	-	-	-	-	-	-	-	-	10.1		25.5		25.4		40.9		275		-	-
Iron, Total	7439-89-6	~	mg/kg	-	-	10900		29600		26700		20900		-	-	-	-	-	-	-	-	-	-	16500		12600		10600		12400		19700		-	-
Lead, Total	7439-92-1	450	mg/kg	-	-	101		141		32.8		26.8		-	-	-	-	-	-	-	-	-	-	12.6		39		267		210		382		-	-
Magnesium, Total	7439-95-4	~	mg/kg	-	-	2570		6320		3120		2910		-	-	-	-	-	-	-	-	-	-	3890		2180		2160		1920		2500		-	-
Manganese, Total	7439-96-5	2000	mg/kg	-	-	192		333		271		289		-	-	-	-	-	-	-	-	-	-	142		103		168		185		157		-	-
Mercury, Total	7439-97-6	0.73	mg/kg	-	-	0.34		0.296		**0.931**		0.078	U	-	-	-	-	-	-	-	-	-	-	0.087	U	**0.784**		0.676		**0.739**		0.49		-	-
Nickel, Total	7440-02-0	130	mg/kg	-	-	29.1		42.4		24.4		20.9		-	-	-	-	-	-	-	-	-	-	14.3		8.52		17		16.2		20.4		-	-
Potassium, Total	7440-09-7	~	mg/kg	-	-	1220		2600		2190		1270		-	-	-	-	-	-	-	-	-	-	1760		799		930		758		550		-	-
Selenium, Total	7782-49-2	4	mg/kg	-	-	0.684	J	3.48	U	0.722	J	0.541	J	-	-	-	-	-	-	-	-	-	-	1.85	U	4.22	U	1.26	J	0.849	J	3.75	U	-	-
Silver, Total	7440-22-4	8.3	mg/kg	-	-	0.453	U	0.871	U	0.586	U	0.477	U	-	-	-	-	-	-	-	-	-	-	0.463	U	1.06	U	1.22	U	0.285	J	0.937	U	-	-
Sodium, Total	7440-23-5	~	mg/kg	-	-	268		870		1010		313		-	-	-	-	-	-	-	-	-	-	456		178	J	296	J	277		305	J	-	-
Thallium, Total	7440-28-0	~	mg/kg	-	-	1.81	U	3.48	U	0.768	J	0.863	J	-	-	-	-	-	-	-	-	-	-	0.439	J	4.22	U	4.88	U	1.83	U	3.75	U	-	-
Vanadium, Total	7440-62-2	~	mg/kg	-	-	18.6		45.5		28.6		27.4		-	-	-	-	-	-	-	-	-	-	21.1		26.6		19.3		17.8		15		-	-
Zinc, Total	7440-66-6	2480	mg/kg	-	-	38.7		64.3		61.7		35.9		-	-	-	-	-	-	-	-	-	-	36.2		55.2		69.9		112		486		-	-
Volatile Organics by EPA 5035																																	
1,1,1,2-Tetrachloroethane	630-20-6	~	mg/kg	-	-	0.00062	U	0.0017	U	0.00062	U	0.00054	U	-	-	-	-	-	-	-	-	-	-	0.00062	U	0.00054	U	0.00082	U	0.00051	U	-	-	0.00052	U
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	-	-	0.00062	U	0.0017	U	0.00062	U	0.00054	U	-	-	-	-	-	-	-	-	-	-	0.00062	U	0.00054	U	0.00082	U	0.00051	U	-	-	0.00052	U
1,1,2,2-Tetrachloroethane	79-34-5	~	mg/kg	-	-	0.00062	U	0.0017	U	0.00062	U	0.00054	U	-	-	-	-	-	-	-	-	-	-	0.00062	U	0.00054	U	0.00082	U	0.00051	U	-	-	0.00052	U
1,1,2-Trichloroethane	79-00-5	~	mg/kg	-	-	0.0012	U	0.0034	U	0.0012	U	0.0011	U	-	-	-	-	-	-	-	-	-	-	0.0012	U	0.0011	U	0.0016	U	0.001	U	-	-	0.001	U
1,1-Dichloroethane	75-34-3	0.27	mg/kg	-	-	0.0012	U	0.0034	U	0.0012	U	0.0011	U	-	-	-	-	-	-	-	-	-	-	0.0012	U	0.0011	U	0.0016	U	0.001	U	-	-	0.001	U
1,1-Dichloroethene	75-35-4	0.33	mg/kg	-	-	0.0012	U	0.0034	U	0.0012	U	0.0011	U	-	-	-	-	-	-	-	-	-	-	0.0012	U	0.0011	U	0.0016	U	0.001	U	-	-	0.001	U

Table 3.4
Endpoint Analytical Data (7-11 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-73-022624		EP-73-050624 (10')		EP-75 091724 (17')		EP-76/2306470		EP-77-021524		EP-79-022924 7-8'		EP-79-022924 7-8'		EP-79-03-14-24 (9')		EP-79 03-29-24 10'		EP-79 03-29-24 10'		EP-79 04-12-24 11'		EP-81-03-14-24 (7-8')		EP-82-03-18-24 7'-8'		EP-84 05-10-24 8'		EP-87 022324		EP-87-022724	
SAMPLING DATE				2/26/2024		5/6/2024		9/17/2024		2/14/2024		2/15/2024		2/29/2024		2/29/2024		3/14/2024		3/29/2024		3/29/2024		4/12/2024		3/14/2024		3/18/2024		5/10/2024		2/23/2024		2/27/2024	
LAB SAMPLE ID				L2410334-03		L2424830-01		L2453334-01		L2408483-01		L2408483-03		L2411037-01		L2411037-01 R1		L2414006-03		L2417345-01		L2417345-01 R1		L2420193-01		L2414006-04		L2414633-06		L2425968-02		L2410242-01		L2410242-08	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH				8		10		17		9-10		9		7-8		7-8		9		10		10				7-8		7-8		8		8		8	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1-Dichloropropene	563-58-6	~	mg/kg	-	-	0.00062	U	0.0017	U	0.00062	U	0.00054	U	-	-	-	-	-	-	-	-	-	-	0.00062	U	0.00054	U	0.00082	U	0.00051	U	-	-	0.00052	U
1,2,3-Trichlorobenzene	87-61-6	~	mg/kg	-	-	0.0025	U	0.0068	U	0.0025	U	0.0022	U	-	-	-	-	-	-	-	-	-	-	0.0025	U	0.0022	U	0.0033	U	0.002	U	-	-	0.0021	U
1,2,3-Trichloropropane	96-18-4	~	mg/kg	-	-	0.0025	U	0.0068	U	0.0025	U	0.0022	U	-	-	-	-	-	-	-	-	-	-	0.0025	U	0.0022	U	0.0033	U	0.002	U	-	-	0.0021	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	mg/kg	-	-	0.0025	U	0.011		0.0061		0.0022	U	-	-	-	-	-	-	-	-	-	-	0.0025	U	0.00071	J	0.0033	U	0.002	U	-	-	0.0021	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	-	-	0.0025	U	0.0068	U	0.0025	U	0.0022	U	-	-	-	-	-	-	-	-	-	-	0.0025	U	0.0022	U	0.0033	U	0.002	U	-	-	0.0021	U
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	-	-	0.0025	U	0.021		0.0091		0.0022	U	-	-	-	-	-	-	-	-	-	-	0.0025	U	0.0006	J	0.0033	U	0.002	U	-	-	0.0021	U
1,2-Dibromo-3-chloropropane	96-12-8	~	mg/kg	-	-	0.0037	U	0.01	U	0.0037	U	0.0033	U	-	-	-	-	-	-	-	-	-	-	0.0037	U	0.0033	U	0.0049	U	0.003	U	-	-	0.0031	U
1,2-Dibromoethane	106-93-4	~	mg/kg	-	-	0.0012	U	0.0034	U	0.0012	U	0.0011	U	-	-	-	-	-	-	-	-	-	-	0.0012	U	0.0011	U	0.0016	U	0.001	U	-	-	0.001	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	0.0025	U	0.0068	U	0.0025	U	0.0022	U	-	-	-	-	-	-	-	-	-	-	0.0025	U	0.0022	U	0.0033	U	0.002	U	-	-	0.0021	U
1,2-Dichloroethane	107-06-2	0.02	mg/kg	-	-	0.0012	U	0.0034	U	0.0012	U	0.0011	U	-	-	-	-	-	-	-	-	-	-	0.0012	U	0.0011	U	0.0016	U	0.001	U	-	-	0.001	U
1,2-Dichloroethene, Total	540-59-0	~	mg/kg	-	-	0.0012	U	0.0034	U	0.0012	U	0.0011	U	-	-	-	-	-	-	-	-	-	-	0.0012	U	0.0011	U	0.0016	U	0.001	U	-	-	0.001	U
1,2-Dichloropropane	78-87-5	~	mg/kg	-	-	0.0012	U	0.0034	U	0.0012	U	0.0011	U	-	-	-	-	-	-	-	-	-	-	0.0012	U	0.0011	U	0.0016	U	0.001	U	-	-	0.001	U
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	-	-	0.0025	U	0.0074		0.0037		0.0022	U	-	-	-	-	-	-	-	-	-	-	0.0025	U	0.0006	J	0.0033	U	0.002	U	-	-	0.0021	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	0.0025	U	0.0068	U	0.0025	U	0.0022	U	-	-	-	-	-	-	-	-	-	-	0.0025	U	0.0022	U	0.0033	U	0.002	U	-	-	0.0021	U
1,3-Dichloropropane	142-28-9	~	mg/kg	-	-	0.0025	U	0.0068	U	0.0025	U	0.0022	U	-	-	-	-	-	-	-	-	-	-	0.0025	U	0.0022	U	0.0033	U	0.002	U	-	-	0.0021	U
1,3-Dichloropropene, Total	542-75-6	~	mg/kg	-	-	0.00062	U	0.0017	U	0.00062	U	0.00054	U	-	-	-	-	-	-	-	-	-	-	0.00062	U	0.00054	U	0.00082	U	0.00051	U	-	-	0.00052	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	0.0025	U	0.0068	U	0.0025	U	0.0022	U	-	-	-	-	-	-	-	-	-	-	0.0025	U	0.0022	U	0.0033	U	0.002	U	-	-	0.0021	U
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	0.099	U	0.27	U	0.1	U	0.087	U	-	-	-	-	-	-	-	-	-	-	0.099	U	0.087	U	0.13	U	0.081	U	-	-	0.083	U
2,2-Dichloropropane	594-20-7	~	mg/kg	-	-	0.0025	U	0.0068	U	0.0025	U	0.0022	U	-	-	-	-	-	-	-	-	-	-	0.0025	U	0.0022	U	0.0033	U	0.002	U	-	-	0.0021	U
2-Butanone	78-93-3	0.12	mg/kg	-	-	0.012	U	0.06		0.0048	J	0.011	U	-	-	-	-	-	-	-	-	-	-	0.0033	J	0.011	U	0.011	J	0.0074	J	-	-	0.0034	J
2-Hexanone	591-78-6	~	mg/kg	-	-	0.012	U	0.034	U	0.012	U	0.011	U	-	-	-	-	-	-	-	-	-	-	0.012	U	0.011	U	0.016	U	0.01	U	-	-	0.01	U
4-Methyl-2-pentanone	108-10-1	~	mg/kg	-	-	0.012	U	0.034	U	0.012	U	0.011	U	-	-	-	-	-	-	-	-	-	-	0.012	U	0.011	U	0.016	U	0.01	U	-	-	0.01	U
Acetone	67-64-1	0.05	mg/kg	-	-	0.019		**0.22**		0.02		0.017		-	-	-	-	-	-	-	-	-	-	0.022		0.0059	J	**0.051**		0.034		-	-	0.017	
Acrylonitrile	107-13-1	~	mg/kg	-	-	0.0049	U	0.014	U	0.005	U	0.0044	U	-	-	-	-	-	-	-	-	-	-	0.0049	U	0.0044	U	0.0066	U	0.0041	U	-	-	0.0041	U
Benzene	71-43-2	0.06	mg/kg	-	-	0.00062	U	0.016		0.00062	U	0.00054	U	-	-	-	-	-	-	-	-	-	-	0.00062	U	0.00054	U	0.00082	U	0.00051	U	-	-	0.00052	U
Bromobenzene	108-86-1	~	mg/kg	-	-	0.0025	U	0.0068	U	0.0025	U	0.0022	U	-	-	-	-	-	-	-	-	-	-	0.0025	U	0.0022	U	0.0033	U	0.002	U	-	-	0.0021	U
Bromochloromethane	74-97-5	~	mg/kg	-	-	0.0025	U	0.0068	U	0.0025	U	0.0022	U	-	-	-	-	-	-	-	-	-	-	0.0025	U	0.0022	U	0.0033	U	0.002	U	-	-	0.0021	U
Bromodichloromethane	75-27-4	~	mg/kg	-	-	0.00062	U	0.0017	U	0.00062	U	0.00054	U	-	-	-	-	-	-	-	-	-	-	0.00062	U	0.00054	U	0.00082	U	0.00051	U	-	-	0.00052	U
Bromoform	75-25-2	~	mg/kg	-	-	0.0049	U	0.014	U	0.005	U	0.0044	U	-	-	-	-	-	-	-	-	-	-	0.0049	U	0.0044	U	0.0066	U	0.0041	U	-	-	0.0041	U
Bromomethane	74-83-9	~	mg/kg	-	-	0.0025	U	0.0068	U	0.0025	U	0.0022	U	-	-	-	-	-	-	-	-	-	-	0.0025	U	0.0022	U	0.0033	U	0.00068	J	-	-	0.0021	U
Carbon disulfide	75-15-0	~	mg/kg	-	-	0.012	U	0.034	U	0.012	U	0.011	U	-	-	-	-	-	-	-	-	-	-	0.012	U	0.011	U	0.016	U	0.01	U	-	-	0.01	U
Carbon tetrachloride	56-23-5	0.76	mg/kg	-	-	0.0012	U	0.0034	U	0.0012	U	0.0011	U	-	-	-	-	-	-	-	-	-	-	0.0012	U	0.0011	U	0.0016	U	0.001	U	-	-	0.001	U
Chlorobenzene	108-90-7	1.1	mg/kg	-	-	0.00062	U	0.0017	U	0.00062	U	0.00054	U	-	-	-	-	-	-	-	-	-	-	0.00062	U	0.00054	U	0.00082	U	0.00051	U	-	-	0.00052	U
Chloroethane	75-00-3	~	mg/kg	-	-	0.0025	U	0.0068	U	0.0025	U	0.0022	U	-	-	-	-	-	-	-	-	-	-	0.0025	U	0.0022	U	0.0033	U	0.002	U	-	-	0.0021	U
Chloroform	67-66-3	0.37	mg/kg	-	-	0.0018	U	0.0051	U	0.0019	U	0.0016	U	-	-	-	-	-	-	-	-	-	-	0.0018	U	0.0016	U	0.0025	U	0.0015	U	-	-	0.0016	U
Chloromethane	74-87-3	~	mg/kg	-	-	0.0049	U	0.014	U	0.005	U	0.0044	U	-	-	-	-	-	-	-	-	-	-	0.0049	U	0.0044	U	0.0066	U	0.0041	U	-	-	0.0041	U
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	-	-	0.0012	U	0.0034	U	0.0012	U	0.0011	U	-	-	-	-	-	-	-	-	-	-	0.0012	U	0.0011	U	0.0016	U	0.001	U	-	-	0.001	U
cis-1,3-Dichloropropene	10061-01-5	~	mg/kg	-	-	0.00062	U	0.0017	U	0.00062	U	0.00054	U	-	-	-	-	-	-	-	-	-	-	0.00062	U	0.00054	U	0.00082	U	0.00051	U	-	-	0.00052	U
Dibromochloromethane	124-48-1	~	mg/kg	-	-	0.0012	U	0.0034	U	0.0012	U	0.0011	U	-	-	-	-	-	-	-	-	-	-	0.0012	U	0.0011	U	0.0016	U	0.001	U	-	-	0.001	U
Dibromomethane	74-95-3	~	mg/kg	-	-	0.0025	U	0.0068	U	0.0025	U	0.0022	U	-	-	-	-	-	-	-	-	-	-	0.0025	U	0.0022	U	0.0033	U	0.002	U	-	-	0.0021	U
Dichlorodifluoromethane	75-71-8	~	mg/kg	-	-	0.012	U	0.034	U	0.012	U	0.011	U	-	-	-	-	-	-	-	-	-	-	0.012	U	0.011	U	0.016	U	0.01	U	-	-	0.01	U
Ethyl ether	60-29-7	~	mg/kg	-	-	0.0025	U	0.0068	U	0.0025	U	0.0022	U	-	-	-	-	-	-	-	-	-	-	0.0025	U	0.0022	U	0.0033	U	0.002	U	-	-	0.0021	U
Ethylbenzene	100-41-4	1	mg/kg	-	-	0.0012	U	0.0044		0.00019	J	0.0011	U	-	-	-	-	-	-	-	-	-	-	0.0012	U	0.0011	U	0.0016	U	0.001	U	-	-	0.001	U
Hexachlorobutadiene	87-68-3	~	mg/kg	-	-	0.0049	U	0.014	U	0.005	U	0.0044	U	-	-	-	-	-	-	-	-	-	-	0.0049	U	0.0044	U	0.0066	U	0.0041	U	-	-	0.0041	U
Isopropylbenzene	98-82-8	~	mg/kg	-	-	0.0012	U	0.03		0.00031	J	0.0011	U	-	-	-	-	-	-	-	-	-	-	0.0012	U	0.00022	J	0.0016	U	0.001	U	-	-	0.001	U
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	-	-	0.0025	U	0.00099	J	0.0025	U	0.0022	U	-	-	-	-	-	-	-	-	-	-	0.0025	U	0.0022	U	0.0033	U	0.002	U	-	-	0.0021	U
Methylene chloride	75-09-2	0.05	mg/kg	-	-	0.0062	U	0.017	U	0.0062	U	0.0054	U	-	-	-	-	-	-	-	-	-	-	0.0062	U	0.0054	U	0.0082	U	0.0051	U	-	-	0.0052	U
n-Butylbenzene	104-51-8	12	mg/kg	-	-	0.0012	U	0.0011	J	0.0012		0.0011	U	-	-	-	-	-	-	-	-	-	-	0.0012	U	0.0011	U	0.0016	U	0.001	U	-	-	0.001	U
n-Propylbenzene	103-65-1	3.9	mg/kg	-	-	0.0012	U	0.0058		0.00059	J	0.0011	U	-	-	-	-	-	-	-	-	-	-	0.0012	U	0.0011	U	0.0016	U	0.001	U	-	-	0.001	U
Naphthalene	91-20-3	12	mg/kg	-	-	0.0008	J	0.0046	J	0.008		0.0022	J	-	-	-	-	-	-	-	-	-	-	0.0049	U	0.0074		0.0066	U	0.0041	U	-	-	0.0041	U
o-Chlorotoluene	95-49-8	~	mg/kg	-	-	0.0025	U	0.0068	U	0.0025	U	0.0022	U	-	-	-	-	-	-	-	-	-	-	0.0025	U	0.0022	U	0.0033	U	0.002	U	-	-	0.0021	U
o-Xylene	95-47-6	~	mg/kg	-	-	0.0012	U	0.0085		0.0012	U	0.0011	U	-	-	-	-	-	-	-	-	-	-	0.0012	U	0.0011	U	0.0016	U	0.001	U	-	-	0.001	U
p-Chlorotoluene	106-43-4	~	mg/kg	-	-	0.0025	U	0.0068	U	0.0025	U	0.0022	U	-	-	-	-	-	-	-	-	-	-	0.0025	U	0.0022	U	0.0033	U	0.002	U	-	-	0.0021	U
p-Diethylbenzene	105-05-5	~	mg/kg	-	-	0.0025	U	0.0028	J	0.0009	J	0.0022	U	-	-	-	-	-	-	-	-	-	-	0.0025	U	0.0011	J	0.0033	U	0.002	U	-	-	0.0021	U
p-Ethyltoluene	622-96-8	~	mg/kg	-	-	0.0025	U	0.0046	J	0.0016	J	0.0022	U	-	-	-	-	-	-	-	-	-	-	0.0025	U	0.0022	U	0.0033	U	0.002	U	-	-	0.0021	U
p-Isopropyltoluene	99-87-6	~	mg/kg	-	-	0.0012	U	0.0014	J	0.00085	J	0.0011	U	-	-	-	-	-	-	-	-	-	-	0.0012	U	0.00079	J	0.0016	U	0.001	U	-	-	0.001	U
p/m-Xylene	179601-23-1	~	mg/kg	-	-	0.0025	U	0.025		0.0025	U	0.0022	U	-	-	-	-	-	-	-	-	-	-	0.0025	U	0.0022	U	0.0033	U	0.002	U	-	-	0.0021	U
sec-Butylbenzene	135-98-8	11	mg/kg	-	-	0.0012	U	0.0058		0.00098	J	0.0011	U	-	-	-	-	-	-	-	-	-	-	0.0012	U	0.0002	J	0.0016	U	0.001	U	-	-	0.001	U
Styrene	100-42-5	~	mg/kg	-	-	0.0012	U	0.0034	U	0.0012	U	0.0011	U	-	-	-	-	-	-	-	-	-	-	0.0012	U	0.0011	U	0.0016	U	0.001	U	-	-	0.001	U
tert-Butylbenzene	98-06-6	5.9	mg/kg	-	-	0.0025	U	0.0033	J	0.00057	J	0.0022	U	-	-	-	-	-	-	-	-	-	-	0.0025	U	0.0022	U	0.0033	U	0.002	U	-	-	0.0021	U
Tetrachloroethene	127-18-4	1.3	mg/kg	-	-	0.00062	U	0.0017	U	0.00062	U	0.00054	U	-	-	-	-	-	-	-	-	-	-	0.00062	U	0.00021	J	0.00082	U	0.00051	U	-	-	0.00052	U
Toluene	108-88-3	0.7	mg/kg	-	-	0.0012	U	0.011		0.0012	U	0.0011	U	-	-	-	-	-	-	-	-	-	-	0.0012	U	0.0011	U	0.0016	U	0.001	U	-	-	0.001	U
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	-	-	0.0018	U	0.0051	U	0.0019	U	0.0016	U	-	-	-	-	-	-	-	-	-	-	0.0018	U	0.0016	U	0.0025	U	0.0015	U	-	-	0.0016	U
trans-1,3-Dichloropropene	10061-02-6	~	mg/kg	-	-	0.0012	U	0.0034	U	0.0012	U	0.0011	U	-	-	-	-	-	-	-	-	-	-	0.0012	U	0.0011	U	0.0016	U	0.001	U	-	-	0.001	U
trans-1,4-Dichloro-2-butene	110-57-6	~	mg/kg	-	-	0.0062	U	0.017	U	0.0062	U	0.0054	U	-	-	-	-	-	-	-	-	-	-	0.0062	U	0.0054	U	0.0082	U	0.0051	U	-	-	0.0052	U
Trichloroethene	79-01-6	0.47	mg/kg	-	-	0.00062	U	0.0017	U	0.00062	U	0.00054	U	-	-	-	-	-	-	-	-	-	-	0.00062	U	0.0023		0.00082	U	0.00051	U	-	-	0.00052	U
Trichlorofluoromethane	75-69-4	~	mg/kg	-	-	0.0049	U	0.014	U	0.005	U	0.0044	U	-	-	-	-	-	-	-	-	-	-	0.0049	U	0.0044	U	0.0066	U	0.0041	U	-	-	0.0041	U
Vinyl acetate	108-05-4	~	mg/kg	-	-	0.012	U	0.034	U	0.012	U	0.011	U	-	-	-	-	-	-	-	-	-	-	0.012	U	0.011	U	0.016	U	0.01	U	-	-	0.01	U
Vinyl chloride	75-01-4	0.02	mg/kg	-	-	0.0012	U	0.0034	U	0.0012	U	0.0011	U	-	-	-	-	-	-	-	-	-	-	0.0012	U	0.0011	U	0.0016	U	0.001	U	-	-	0.001	U
Xylenes, Total	1330-20-7	1.6	mg/kg	-	-	0.0012	U	0.034		0.0012	U	0.0011	U	-	-	-	-	-	-	-	-	-	-	0.0012	U	0.0011	U	0.0016	U	0.001	U	-	-	0.001	U

* Comparison is not performed on parameters with non-numeric criteria.
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted u

Table 3.4
Endpoint Analytical Data (7-11 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-88 022324		EP-88-022724		EP-88 05-09-24 10		EP-88 05-09-24 10		EP-89A 07/12/24 10'		EP-90 03-12-24 11'		EP-90 03-12-24 11'		EP-90A(BOTTOM) @90B/24-21'		EP-90B 09/18/24 18'		EP-90B 09-20-24 19'		EP-91/2306470		EP-91 022324		EP-91-022724		EP-92-021524		EP-93-021624	
SAMPLING DATE				2/23/2024		2/27/2024		5/9/2024		5/9/2024		7/12/2024		3/12/2024		3/12/2024		9/4/2024		9/18/2024		9/20/2024		2/15/2024		2/23/2024		2/27/2024		2/15/2024		2/16/2024	
LAB SAMPLE ID				L2410242-02		L2410242-07		L2425695-01		L2425695-01 R1		L2439448-01		L2413372-05		L2413372-05 R1		L2450361-01		L2453664-01		L2454335-01		L2408483-02		L2410242-03		L2410242-06		L2408483-04		L2408786-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH				8		8		10		10		10		11		11		21		18		19		8		10		10		8		7-8	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																																	
Chromium, Hexavalent	18540-29-9	19	mg/kg	0.917	U	-	-	1.77	U	-	-	1.09	U	1.02	U	-	-	0.913	U	1.95	U	1	U	1.04	U	0.92	U	-	-	0.277	J	1.04	U
Cyanide, Total	57-12-5	40	mg/kg	1.1	U	-	-	2.2	U	-	-	1.3	U	-	-	-	-	1.1	U	2.4	U	1.2	U	-	-	1.1	U	-	-	1.1	U	1.2	U
Solids, Total	NONE	~	%	87.2		87.2		45.2		-	-	73.2		78.4		-	-	87.6		41.1		79.8		77.1		87		87		83		76.8	
Organochlorine Pesticides by GC																																	
4,4'-DDD	72-54-8	14	mg/kg	0.00175	U	-	-	0.00343	U	-	-	0.000946	J	-	-	-	-	0.00178	U	0.00374	U	0.00191	U	-	-	0.000935	JP	-	-	0.00187	U	0.00199	U
4,4'-DDE	72-55-9	17	mg/kg	0.00175	U	-	-	0.00343	U	-	-	0.00226		-	-	-	-	0.00178	U	0.00374	U	0.00191	U	-	-	0.000587	J	-	-	0.00187	U	0.00199	U
4,4'-DDT	50-29-3	136	mg/kg	0.00175	U	-	-	0.00343	U	-	-	0.00407		-	-	-	-	0.00178	U	0.00374	U	0.00191	U	-	-	0.00174	U	-	-	0.00187	U	0.00199	U
Aldrin	309-00-2	0.19	mg/kg	0.00175	U	-	-	0.00343	U	-	-	0.00217	U	-	-	-	-	0.00178	U	0.00374	U	0.00191	U	-	-	0.00174	U	-	-	0.00187	U	0.00199	U
Alpha-BHC	319-84-6	0.02	mg/kg	0.00073	U	-	-	0.00143	U	-	-	0.000903	U	-	-	-	-	0.000741	U	0.00156	U	0.000795	U	-	-	0.000724	U	-	-	0.00078	U	0.000828	U
Beta-BHC	319-85-7	0.09	mg/kg	0.00175	U	-	-	0.00343	U	-	-	0.00217	U	-	-	-	-	0.00178	U	0.00374	U	0.00191	U	-	-	0.00174	U	-	-	0.00187	U	0.00199	U
Chlordane	57-74-9	~	mg/kg	0.0146	U	-	-	0.0286	U	-	-	0.018	U	-	-	-	-	0.0148	U	0.0312	U	0.0159	U	-	-	0.0145	U	-	-	0.0156	U	0.0166	U
cis-Chlordane	5103-71-9	2.9	mg/kg	0.00219	U	-	-	0.00429	U	-	-	0.00271	U	-	-	-	-	0.00222	U	0.00468	U	0.00238	U	-	-	0.00217	U	-	-	0.00234	U	0.00248	U
Delta-BHC	319-86-8	0.25	mg/kg	0.00175	U	-	-	0.00343	U	-	-	0.00217	U	-	-	-	-	0.00178	U	0.00374	U	0.00191	U	-	-	0.00174	U	-	-	0.00187	U	0.00199	U
Dieldrin	60-57-1	0.1	mg/kg	0.00109	U	-	-	0.00214	U	-	-	0.00135	U	-	-	-	-	0.00111	U	0.00234	U	0.00119	U	-	-	0.00109	U	-	-	0.00117	U	0.00124	U
Endosulfan I	959-98-8	102	mg/kg	0.00175	U	-	-	0.00343	U	-	-	0.00217	U	-	-	-	-	0.00178	U	0.00374	U	0.00191	U	-	-	0.00174	U	-	-	0.00187	U	0.00199	U
Endosulfan II	33213-65-9	102	mg/kg	0.00175	U	-	-	0.00343	U	-	-	0.00217	U	-	-	-	-	0.00178	U	0.00374	U	0.00191	U	-	-	0.00174	U	-	-	0.00187	U	0.00199	U
Endosulfan sulfate	1031-07-8	1000	mg/kg	0.00073	U	-	-	0.00143	U	-	-	0.000903	U	-	-	-	-	0.000741	U	0.00156	U	0.000795	U	-	-	0.000724	U	-	-	0.00078	U	0.000828	U
Endrin	72-20-8	0.06	mg/kg	0.00073	U	-	-	0.00143	U	-	-	0.000903	U	-	-	-	-	0.000741	U	0.00156	U	0.000795	U	-	-	0.000724	U	-	-	0.00078	U	0.000828	U
Endrin aldehyde	7421-93-4	~	mg/kg	0.00219	U	-	-	0.00429	U	-	-	0.00271	U	-	-	-	-	0.00222	U	0.00468	U	0.00238	U	-	-	0.00217	U	-	-	0.00234	U	0.00248	U
Endrin ketone	53494-70-5	~	mg/kg	0.00175	U	-	-	0.00343	U	-	-	0.00217	U	-	-	-	-	0.00178	U	0.00374	U	0.00191	U	-	-	0.00174	U	-	-	0.00187	U	0.00199	U
Heptachlor	76-44-8	0.38	mg/kg	0.000875	U	-	-	0.00172	U	-	-	0.00108	U	-	-	-	-	0.000889	U	0.00187	U	0.000954	U	-	-	0.000869	U	-	-	0.000936	U	0.000993	U
Heptachlor epoxide	1024-57-3	~	mg/kg	0.00328	U	-	-	0.00644	U	-	-	0.00406	U	-	-	-	-	0.00333	U	0.00702	U	0.00358	U	-	-	0.00326	U	-	-	0.00351	U	0.00372	U
Lindane	58-89-9	0.1	mg/kg	0.00073	U	-	-	0.00143	U	-	-	0.000903	U	-	-	-	-	0.000741	U	0.00156	U	0.000795	U	-	-	0.000724	U	-	-	0.00078	U	0.000828	U
Methoxychlor	72-43-5	~	mg/kg	0.00328	U	-	-	0.00644	U	-	-	0.00406	U	-	-	-	-	0.00333	U	0.00702	U	0.00358	U	-	-	0.00326	U	-	-	0.00351	U	0.00372	U
Toxaphene	8001-35-2	~	mg/kg	0.0328	U	-	-	0.0644	U	-	-	0.0406	U	-	-	-	-	0.0333	U	0.0702	U	0.0358	U	-	-	0.0326	U	-	-	0.0351	U	0.0372	U
trans-Chlordane	5103-74-2	~	mg/kg	0.00219	U	-	-	0.00429	U	-	-	0.00271	U	-	-	-	-	0.00222	U	0.00468	U	0.00238	U	-	-	0.00217	U	-	-	0.00234	U	0.00248	U
Perfluorinated Alkyl Acids by EPA 1633																																	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8	39108-34-4	~	mg/kg	0.00075	U	-	-	0.000799	U	-	-	0.000776	U	-	-	-	-	0.000793	U	0.000797	U	0.000796	U	-	-	0.000761	U	-	-	0.000777	U	0.000792	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6	27619-97-2	~	mg/kg	0.00075	U	-	-	0.000799	U	-	-	0.000776	U	-	-	-	-	0.00123		0.000797	U	0.000796	U	-	-	0.000761	U	-	-	0.000777	U	0.000792	U
N-Ethyl Perfluorooctanesulfonamidoacetic Ac	2991-50-6	~	mg/kg	0.000187	U	-	-	0.0002	U	-	-	0.000194	U	-	-	-	-	0.000198	U	0.000199	U	0.000199	U	-	-	0.00019	U	-	-	0.000194	U	0.000198	U
N-Methyl Perfluorooctanesulfonamidoacetic	2355-31-9	~	mg/kg	0.000187	U	-	-	0.0002	U	-	-	0.000194	U	-	-	-	-	0.000198	U	0.000199	U	0.000199	U	-	-	0.00019	U	-	-	0.000194	U	0.000198	U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	0.000187	U	-	-	0.0002	U	-	-	0.000194	U	-	-	-	-	0.000198	U	0.000199	U	0.000199	U	-	-	0.00019	U	-	-	0.000194	U	0.000198	U
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	0.00075	U	-	-	0.000799	U	-	-	0.000776	U	-	-	-	-	0.000793	U	0.000797	U	0.000796	U	-	-	0.000761	U	-	-	0.000777	U	0.000792	U
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	0.000187	U	-	-	0.0002	U	-	-	0.000194	U	-	-	-	-	0.000198	U	0.000199	U	0.000199	U	-	-	0.00019	U	-	-	0.000194	U	0.000198	U
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	0.000187	U	-	-	0.0002	U	-	-	0.000194	U	-	-	-	-	0.000198	U	0.000199	U	0.000199	U	-	-	0.00019	U	-	-	0.000194	U	0.000198	U
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	0.000187	U	-	-	0.0002	U	-	-	0.000194	U	-	-	-	-	0.000198	U	0.000199	U	0.000199	U	-	-	0.00019	U	-	-	0.000194	U	0.000198	U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	0.000187	U	-	-	0.0002	U	-	-	0.000194	U	-	-	-	-	0.000198	U	0.000199	U	0.000199	U	-	-	0.00019	U	-	-	0.000194	U	0.000198	U
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	0.000187	U	-	-	0.0002	U	-	-	0.000194	U	-	-	-	-	0.000198	U	0.000199	U	0.000199	U	-	-	0.00019	U	-	-	0.000194	U	0.000198	U
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	0.000187	U	-	-	0.0002	U	-	-	0.000194	U	-	-	-	-	0.000198	U	0.000199	U	0.000199	U	-	-	0.00019	U	-	-	0.000194	U	0.000198	U
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	0.000187	U	-	-	0.0002	U	-	-	0.000194	U	-	-	-	-	0.000198	U	0.000199	U	0.000199	U	-	-	0.00019	U	-	-	0.000194	U	0.000198	U
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	0.000187	U	-	-	0.0002	U	-	-	0.000194	U	-	-	-	-	0.000198	U	0.000199	U	0.000199	U	-	-	0.00019	U	-	-	0.000194	U	0.000198	U
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	0.000187	U	-	-	0.0002	U	-	-	0.000194	U	-	-	-	-	0.000198	U	0.000199	U	0.000199	U	-	-	0.00019	U	-	-	0.000194	U	0.000198	U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	0.000229		-	-	0.0002	U	-	-	0.000194	U	-	-	-	-	0.000198	U	0.000199	U	0.000199	U	-	-	0.00019	U	-	-	0.000129	J	0.000198	U
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	0.000098	J	-	-	0.000103	J	-	-	0.000107	J	-	-	-	-	0.000198	U	0.000199	U	0.000199	U	-	-	0.000113	J	-	-	0.000109	J	0.000053	J
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	0.000375	U	-	-	0.000399	U	-	-	0.000388	U	-	-	-	-	0.000396	U	0.000398	U	0.000398	U	-	-	0.000381	U	-	-	0.000389	U	0.000396	U
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	0.000187	U	-	-	0.0002	U	-	-	0.000194	U	-	-	-	-	0.000198	U	0.000199	U	0.000199	U	-	-	0.00019	U	-	-	0.000194	U	0.000198	U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	0.000187	U	-	-	0.0002	U	-	-	0.000194	U	-	-	-	-	0.000198	U	0.000199	U	0.000199	U	-	-	0.00019	U	-	-	0.000194	U	0.000198	U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	0.000187	U	-	-	0.0002	U	-	-	0.000194	U	-	-	-	-	0.000198	U	0.000199	U	0.000199	U	-	-	0.00019	U	-	-	0.000194	U	0.000198	U
PFOA/PFOS, Total	null	~	mg/kg	0.000327	J	-	-	0.000103	J	-	-	0.000107	J	-	-	-	-	-	-	-	-	-	-	-	-	0.000113	J	-	-	0.000238	J	0.000053	J
Polychlorinated Biphenyls by GC																																	
Aroclor 1016	12674-11-2	3.2	mg/kg	0.0559	U	-	-	0.106	U	-	-	0.0641	U	-	-	-	-	0.0559	U	0.114	U	0.0583	U	-	-	0.0553	U	-	-	0.0593	U	0.0634	U
Aroclor 1221	11104-28-2	3.2	mg/kg	0.0559	U	-	-	0.106	U	-	-	0.0641	U	-	-	-	-	0.0559	U	0.114	U	0.0583	U	-	-	0.0553	U	-	-	0.0593	U	0.0634	U
Aroclor 1232	11141-16-5	3.2	mg/kg	0.0559	U	-	-	0.106	U	-	-	0.0641	U	-	-	-	-	0.0559	U	0.114	U	0.0583	U	-	-	0.0553	U	-	-	0.0593	U	0.0634	U
Aroclor 1242	53469-21-9	3.2	mg/kg	0.0559	U	-	-	0.106	U	-	-	0.0641	U	-	-	-	-	0.0559	U	0.114	U	0.0583	U	-	-	0.0553	U	-	-	0.0593	U	0.0634	U
Aroclor 1248	12672-29-6	3.2	mg/kg	0.0559	U	-	-	0.106	U	-	-	0.0641	U	-	-	-	-	0.0559	U	0.114	U	0.0583	U	-	-	0.0553	U	-	-	0.0593	U	0.0634	U
Aroclor 1254	11097-69-1	3.2	mg/kg	0.0559	U	-	-	0.106	U	-	-	0.0641	U	-	-	-	-	0.00674	J	0.114	U	0.0583	U	-	-	0.0553	U	-	-	0.0529	J	0.0634	U
Aroclor 1260	11096-82-5	3.2	mg/kg	0.0559	U	-	-	0.106	U	-	-	0.0641	U	-	-	-	-	0.0559	U	0.114	U	0.0583	U	-	-	0.0553	U	-	-	0.0187	J	0.0634	U
Aroclor 1262	37324-23-5	3.2	mg/kg	0.0559	U	-	-	0.106	U	-	-	0.0641	U	-	-	-	-	0.0559	U	0.114	U	0.0583	U	-	-	0.0553	U	-	-	0.0593	U	0.0634	U
Aroclor 1268	11100-14-4	3.2	mg/kg	0.0559	U	-	-	0.106	U	-	-	0.0641	U	-	-	-	-	0.0559	U	0.114	U	0.0583	U	-	-	0.0553	U	-	-	0.0593	U	0.0634	U
PCBs, Total	1336-36-3	3.2	mg/kg	0.0559	U	-	-	0.106	U	-	-	0.0641	U	-	-	-	-	0.00674	J	0.114	U	0.0583	U	-	-	0.0553	U	-	-	0.0716	J	0.0634	U
Semivolatile Organics by GC/MS																																	
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.029	U	-	-	0.055	U	-	-	0.033	U	0.032	U	-	-	0.028	U	0.06	U	0.031	U	0.032	U	0.028	U	-	-	0.03	U	0.032	U
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	0.11	U	-	-	0.22	U	-	-	0.13	U	0.13	U	-	-	0.11	U	0.24	U	0.12	U	0.13	U	0.11	U	-	-	0.12	U	0.13	U
2,4-Dichlorophenol	120-83-2	~	mg/kg	0.17	U	-	-	0.33	U	-	-	0.2	U	0.19	U	-	-	0.17	U	0.36	U	0.18	U	0.19	U	0.17	U	-	-	0.18	U	0.19	U
2,4-Dimethylphenol	105-67-9	~	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
2,4-Dinitrophenol	51-28-5	~	mg/kg	0.92	U	-	-	1.8	U	-	-	1.1	U	1	U	-	-	0.9	U	1.9	U	0.98	U	1	U	0.91	U	-	-	0.96	U	1	U
2,4-Dinitrotoluene	121-14-2	~	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
2,6-Dinitrotoluene	606-20-2	~	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
2-Chloronaphthalene	91-58-7	~	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
2-Chlorophenol	95-57-8	~	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
2-Methylnaphthalene	91-57-6	~	mg/kg	0.24		-	-	0.44	U	-	-	0.043	J	0.56		-	-	0.13	J	0.48	U	0.24	U	0.94		0.23	U	-	-	0.11	J	0.055	J
2-Methylphenol	95-48-7	0.33	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
2-Nitroaniline	88-74-4	~	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
2-Nitrophenol	88-75-5	~	mg/kg	0.41	U	-	-	0.79	U	-	-	0.48	U	0.46	U	-	-	0.4	U	0.87	U	0.44	U	0.46	U	0.41	U	-	-	0.43	U	0.46	U

Table 3.4
Endpoint Analytical Data (7-11 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-88 022324		EP-88-022724		EP-88 05-09-24 10		EP-88 05-09-24 10		EP-89A 07/12/24 10'		EP-90 03-12-24 11'		EP-90 03-12-24 11'		EP-90A(BOTTOM) @90B/24-21'		EP-90B 09/18/24 18'		EP-90B 09-20-24 19'		EP-91/2306470		EP-91 022324		EP-91-022724		EP-92-021524		EP-93-021624	
SAMPLING DATE				2/23/2024		2/27/2024		5/9/2024		5/9/2024		7/12/2024		3/12/2024		3/12/2024		9/4/2024		9/18/2024		9/20/2024		2/15/2024		2/23/2024		2/27/2024		2/15/2024		2/16/2024	
LAB SAMPLE ID				L2410242-02		L2410242-07		L2425695-01		L2425695-01 R1		L2439448-01		L2413372-05		L2413372-05 R1		L2450361-01		L2453664-01		L2454335-01		L2408483-02		L2410242-03		L2410242-06		L2408483-04		L2408786-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH				8		8		10		10		10		11		11		21		18		19		8		10		10		8		7-8	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	mg/kg	0.27	U	-	-	0.52	U	-	-	0.038	J	0.056	J	-	-	0.27	U	0.58	U	0.29	U	0.11	J	0.27	U	-	-	0.29	U	0.31	U
3-Nitroaniline	99-09-2	~	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	0.5	U	-	-	0.95	U	-	-	0.58	U	0.55	U	-	-	0.49	U	1	U	0.53	U	0.55	U	0.49	U	-	-	0.52	U	0.56	U
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
4-Chloroaniline	106-47-8	~	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
4-Nitroaniline	100-01-6	~	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
4-Nitrophenol	100-02-7	~	mg/kg	0.27	U	-	-	0.51	U	-	-	0.31	U	0.3	U	-	-	0.26	U	0.56	U	0.28	U	0.3	U	0.26	U	-	-	0.28	U	0.3	U
Acenaphthene	83-32-9	98	mg/kg	0.9		-	-	0.29	U	-	-	0.23		1.6		-	-	0.021	J	0.058	J	0.16	U	0.59		0.032	J	-	-	0.12	J	0.12	J
Acenaphthylene	208-96-8	107	mg/kg	0.03	J	-	-	0.29	U	-	-	0.054	J	0.25		-	-	0.15	U	0.32	U	0.16	U	0.2		0.15	U	-	-	0.064	J	0.17	U
Acetophenone	98-86-2	~	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
Anthracene	120-12-7	1000	mg/kg	1.4		-	-	0.22	U	-	-	0.36		2.8		-	-	0.11	U	0.1	J	0.12	U	0.69		0.09	J	-	-	0.28		0.068	J
Benzo(a)anthracene	56-55-3	1	mg/kg	**1.9**		-	-	0.22	U	-	-	0.79		**3.5**		-	-	0.11	U	0.14	J	0.12	U	**1.3**		0.19		-	-	0.82		0.15	
Benzo(a)pyrene	50-32-8	22	mg/kg	1.7		-	-	0.29	U	-	-	0.75		2.6		-	-	0.15	U	0.1	J	0.16	U	1.2		0.16		-	-	0.8		0.13	J
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	**2.2**		-	-	0.22	U	-	-	0.85		**3.2**		-	-	0.11	U	0.13	J	0.12	U	1.5		0.2		-	-	1		0.15	
Benzo(ghi)perylene	191-24-2	1000	mg/kg	1		-	-	0.29	U	-	-	0.42		1.2		-	-	0.15	U	0.06	J	0.16	U	0.93		0.1	J	-	-	0.56		0.075	J
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	0.57		-	-	0.22	U	-	-	0.28		1.2		-	-	0.11	U	0.24	U	0.12	U	0.49		0.07	J	-	-	0.33		0.057	J
Benzoic Acid	65-85-0	~	mg/kg	0.62	U	-	-	1.2	U	-	-	0.72	U	0.68	U	-	-	0.61	U	1.3	U	0.66	U	0.68	U	0.61	U	-	-	0.65	U	0.7	U
Benzyl Alcohol	100-51-6	~	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
Biphenyl	92-52-4	~	mg/kg	0.062	J	-	-	0.83	U	-	-	0.51	U	0.15	J	-	-	0.43	U	0.92	U	0.46	U	0.11	J	0.43	U	-	-	0.46	U	0.49	U
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	0.21	U	-	-	0.39	U	-	-	0.24	U	0.23	U	-	-	0.2	U	0.44	U	0.22	U	0.23	U	0.2	U	-	-	0.22	U	0.23	U
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	0.17	U	-	-	0.33	U	-	-	0.2	U	0.19	U	-	-	0.17	U	0.36	U	0.18	U	0.19	U	0.17	U	-	-	0.18	U	0.19	U
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	0.23	U	-	-	0.44	U	-	-	0.27	U	0.25	U	-	-	0.22	U	0.48	U	0.24	U	0.25	U	0.23	U	-	-	0.24	U	0.26	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
Butyl benzyl phthalate	85-68-7	~	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
Carbazole	86-74-8	~	mg/kg	0.8		-	-	0.36	U	-	-	0.14	J	1.3		-	-	0.19	U	0.047	J	0.2	U	0.3		0.041	J	-	-	0.12	J	0.036	J
Chrysene	218-01-9	1	mg/kg	**2**		-	-	0.22	U	-	-	0.74		**3.2**		-	-	0.11	U	0.11	J	0.12	U	**1.3**		0.18		-	-	0.81		0.14	
Di-n-butylphthalate	84-74-2	~	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
Di-n-octylphthalate	117-84-0	~	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	0.22		-	-	0.22	U	-	-	0.1	J	0.41		-	-	0.11	U	0.24	U	0.12	U	0.2		0.024	J	-	-	0.13		0.13	U
Dibenzofuran	132-64-9	210	mg/kg	0.69		-	-	0.36	U	-	-	0.092	J	1.1		-	-	0.19	U	0.043	J	0.2	U	0.4		0.024	J	-	-	0.058	J	0.06	J
Diethyl phthalate	84-66-2	~	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
Dimethyl phthalate	131-11-3	~	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
Fluoranthene	206-44-0	1000	mg/kg	4.7		-	-	0.22	U	-	-	2		8		-	-	0.11	U	0.34		0.12	U	3.1		0.45		-	-	1.8		0.37	
Fluorene	86-73-7	386	mg/kg	0.89		-	-	0.36	U	-	-	0.18	J	1.5		-	-	0.19	U	0.056	J	0.2	U	0.55		0.04	J	-	-	0.099	J	0.091	J
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.11	U	-	-	0.22	U	-	-	0.13	U	0.13	U	-	-	0.11	U	0.24	U	0.12	U	0.13	U	0.11	U	-	-	0.12	U	0.13	U
Hexachlorobutadiene	87-68-3	~	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	0.54	U	-	-	1	U	-	-	0.64	U	0.6	U	-	-	0.54	U	1.2	U	0.58	U	0.6	U	0.54	U	-	-	0.57	U	0.62	U
Hexachloroethane	67-72-1	~	mg/kg	0.15	U	-	-	0.29	U	-	-	0.18	U	0.17	U	-	-	0.15	U	0.32	U	0.16	U	0.17	U	0.15	U	-	-	0.16	U	0.17	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	0.98		-	-	0.29	U	-	-	0.43		1.1		-	-	0.15	U	0.062	J	0.16	U	0.8		0.097	J	-	-	0.53		0.07	J
Isophorone	78-59-1	~	mg/kg	0.17	U	-	-	0.33	U	-	-	0.2	U	0.19	U	-	-	0.17	U	0.36	U	0.18	U	0.19	U	0.17	U	-	-	0.18	U	0.19	U
\	621-64-7	~	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
Naphthalene	91-20-3	12	mg/kg	0.38		-	-	0.36	U	-	-	0.053	J	0.64		-	-	0.089	J	0.4	U	0.026	J	0.57		0.19	U	-	-	0.17	J	0.076	J
NDPA/DPA	86-30-6	~	mg/kg	0.15	U	-	-	0.29	U	-	-	0.18	U	0.17	U	-	-	0.15	U	0.32	U	0.16	U	0.17	U	0.15	U	-	-	0.16	U	0.17	U
Nitrobenzene	98-95-3	~	mg/kg	0.17	U	-	-	0.33	U	-	-	0.2	U	0.19	U	-	-	0.17	U	0.36	U	0.18	U	0.19	U	0.17	U	-	-	0.18	U	0.19	U
p-Chloro-m-cresol	59-50-7	~	mg/kg	0.19	U	-	-	0.36	U	-	-	0.22	U	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.21	U	0.19	U	-	-	0.2	U	0.22	U
Pentachlorophenol	87-86-5	0.8	mg/kg	0.15	U	-	-	0.29	U	-	-	0.18	U	0.17	U	-	-	0.15	U	0.32	U	0.16	U	0.17	U	0.15	U	-	-	0.16	U	0.17	U
Phenanthrene	85-01-8	1000	mg/kg	6.2		-	-	0.22	U	-	-	1.6		9.4	E	13		0.11	U	0.42		0.12	U	2.9		0.41		-	-	1.1		0.37	
Phenol	108-95-2	0.33	mg/kg	0.19	U	-	-	0.36	U	-	-	0.055	J	0.21	U	-	-	0.19	U	0.4	U	0.2	U	0.053	J	0.19	U	-	-	0.2	U	0.22	U
Pyrene	129-00-0	1000	mg/kg	4.1		-	-	0.22	U	-	-	1.8		6.6		-	-	0.11	U	0.28		0.12	U	2.6		0.36		-	-	1.5		0.32	
Total Metals																																	
Aluminum, Total	7429-90-5	~	mg/kg	5330		-	-	12200		-	-	5950		-	-	-	-	3140		10900		6960		-	-	5320		-	-	4680		12000	
Antimony, Total	7440-36-0	~	mg/kg	4.47	U	-	-	8.63	U	-	-	0.87	J	-	-	-	-	4.34	U	9.65	U	4.84	U	-	-	8.96	U	-	-	1.84	J	0.987	J
Arsenic, Total	7440-38-2	16	mg/kg	4.35		-	-	7.25		-	-	5.97		4.84				1.58		4.05		1.91		9.09		3.82		-	-	5.87		6.68	
Barium, Total	7440-39-3	820	mg/kg	42.6		-	-	26.9		-	-	84		-	-	-	-	7.59		16.6		5.92		-	-	40.8		-	-	158		53.5	
Beryllium, Total	7440-41-7	47	mg/kg	0.326	J	-	-	0.346	J	-	-	0.357	J	-	-	-	-	0.181	J	0.571	J	0.34	J	-	-	0.2	J	-	-	0.404	J	0.579	
Cadmium, Total	7440-43-9	7.5	mg/kg	0.097	J	-	-	1.72	U	-	-	0.278	J	-	-	-	-	0.868	U	0.243	J	0.968	U	-	-	1.79	U	-	-	0.29	J	1.01	U
Calcium, Total	7440-70-2	~	mg/kg	5100		-	-	4240		-	-	15500		-	-	-	-	536		3550		320		-	-	73400		-	-	6460		2630	
Chromium, Total	7440-47-3	~	mg/kg	10.9		-	-	25.8		-	-	13		-	-	-	-	7.32		19.7		12		-	-	9.01		-	-	12		14.5	
Cobalt, Total	7440-48-4	~	mg/kg	5.95		-	-	4.58		-	-	5.48		-	-	-	-	2.53		6.67		3.12		-	-	4.07		-	-	6.49		14	
Copper, Total	7440-50-8	1720	mg/kg	22.9		-	-	9.89		-	-	42.4		-	-	-	-	5.65		6.76		6.88		-	-	10.3		-	-	54.5		9.19	
Iron, Total	7439-89-6	~	mg/kg	10800		-	-	27900		-	-	14400		-	-	-	-	8110		9490		9580		-	-	9620		-	-	13000		24900	
Lead, Total	7439-92-1	450	mg/kg	48.1		-	-	17.8		-	-	168		-	-	-	-	2.22	J	11.9		4.8	J	-	-	30.8		-	-	433		18.5	
Magnesium, Total	7439-95-4	~	mg/kg	3000		-	-	4630		-	-	3510		-	-	-	-	2120		3200		2160		-	-	5660		-	-	2450		2130	
Manganese, Total	7439-96-5	2000	mg/kg	166		-	-	215		-	-	211		-	-	-	-	74.2		75.4		67		-	-	249		-	-	264		417	
Mercury, Total	7439-97-6	0.73	mg/kg	0.313		-	-	0.146	U	-	-	0.23		-	-	-	-	0.072	U	0.177	U	0.08	U	-	-	0.359		-	-	0.474		0.421	
Nickel, Total	7440-02-0	130	mg/kg	32.6		-	-	16.8		-	-	18.7		-	-	-	-	12.6		19.4		14.3		-	-	14.7		-	-	44.8		13.2	
Potassium, Total	7440-09-7	~	mg/kg	753		-	-	2560		-	-	870		-	-	-	-	337		1580		567		-	-	633		-	-	854		776	
Selenium, Total	7782-49-2	4	mg/kg	1.79	U	-	-	3.45	U	-	-	0.48	J	-	-	-	-	1.74	U	0.644	J	1.94	U	-	-	3.58	U	-	-	0.51	J	1.34	J
Silver, Total	7440-22-4	8.3	mg/kg	0.447	U	-	-	0.863	U	-	-	0.336	J	-	-	-	-	0.434	U	0.965	U	0.484	U	-	-	0.896	U	-	-	0.474	U	0.505	U
Sodium, Total	7440-23-5	~	mg/kg	188		-	-	787		-	-	242		-	-	-	-	87.2	J	1430		174	J	-	-	104	J	-	-	179	J	241	
Thallium, Total	7440-28-0	~	mg/kg	1.79	U	-	-	3.45	U	-	-	2.05	U	-	-	-	-	0.306	J	3.86	U	1.94	U	-	-	3.58	U	-	-	0.474	J	0.803	J
Vanadium, Total	7440-62-2	~	mg/kg	16.5		-	-	40.8		-	-	22.1		-	-	-	-	9.72		41.1		13.7		-	-	14.5		-	-	35.8		23.2	
Zinc, Total	7440-66-6	2480	mg/kg	48.1		-	-	43.4		-	-	95.3		-	-	-	-	12.2		51.3		20.2		-	-	47		-	-	203		30.5	
Volatile Organics by EPA 5035																																	
1,1,1,2-Tetrachloroethane	630-20-6	~	mg/kg	-	-	0.00047	U	0.0017	U	0.0018	U	0.00069	U	-	-	-	-	0.00072	U	0.0028	U	0.0006	U	-	-	-	-	0.00048	U	0.0008	U	0.00056	U
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	-	-	0.00047	U	0.0017	U	0.0018	U	0.00069	U	-	-	-	-	0.00072	U	0.0028	U	0.0006	U	-	-	-	-	0.00048	U	0.0008	U	0.00056	U
1,1,2,2-Tetrachloroethane	79-34-5	~	mg/kg	-	-	0.00047	U	0.0017	U	0.0018	U	0.00069	U	-	-	-	-	0.00072	U	0.0028	U	0.0006	U	-	-	-	-	0.00048	U	0.0008	U	0.00056	U
1,1,2-Trichloroethane	79-00-5	~	mg/kg	-	-	0.00093	U	0.0034	U	0.0037	U	0.0014	U	-	-	-	-	0.0014	U	0.0055	U	0.0012	U	-	-	-	-	0.00095	U	0.0016	U	0.0011	U
1,1-Dichloroethane	75-34-3	0.27	mg/kg	-	-	0.00093	U	0.0034	U	0.0037	U	0.0014	U	-	-	-	-	0.0014	U	0.0055	U	0.0012	U	-	-	-	-	0.00095	U	0.0016	U	0.0011	U
1,1-Dichloroethene	75-35-4	0.33	mg/kg	-	-	0.00093	U	0.0034	U	0.0037	U	0.0014	U	-	-	-	-	0.0014	U	0.0055	U	0.0012	U	-	-	-	-	0.00095	U	0.0016	U	0.0011	U

Table 3.4
Endpoint Analytical Data (7-11 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-88 022324		EP-88-022724		EP-88 05-09-24 10		EP-88 05-09-24 10		EP-89A 07/12/24 10'		EP-90 03-12-24 11'		EP-90 03-12-24 11'		EP-90A(BOTTOM) @90B/24-21'		EP-90B 09/18/24 18'		EP-90B 09-20-24 19'		EP-91/2306470		EP-91 022324		EP-91-022724		EP-92-021524		EP-93-021624	
SAMPLING DATE				2/23/2024		2/27/2024		5/9/2024		5/9/2024		7/12/2024		3/12/2024		3/12/2024		9/4/2024		9/18/2024		9/20/2024		2/15/2024		2/23/2024		2/27/2024		2/15/2024		2/16/2024	
LAB SAMPLE ID				L2410242-02		L2410242-07		L2425695-01		L2425695-01 R1		L2439448-01		L2413372-05		L2413372-05 R1		L2450361-01		L2453664-01		L2454335-01		L2408483-02		L2410242-03		L2410242-06		L2408483-04		L2408786-01	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH				8		8		10		10		10		11		11		21		18		19		8		10		10		8		7-8	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1-Dichloropropene	563-58-6	~	mg/kg	-	-	0.00047	U	0.0017	U	0.0018	U	0.00069	U	-	-	-	-	0.00072	U	0.0028	U	0.0006	U	-	-	-	-	0.00048	U	0.0008	U	0.00056	U
1,2,3-Trichlorobenzene	87-61-6	~	mg/kg	-	-	0.0019	U	0.0068	U	0.0074	U	0.0028	U	-	-	-	-	0.0029	U	0.011	U	0.0024	U	-	-	-	-	0.0019	U	0.0032	U	0.0023	U
1,2,3-Trichloropropane	96-18-4	~	mg/kg	-	-	0.0019	U	0.0068	U	0.0074	U	0.0028	U	-	-	-	-	0.0029	U	0.011	U	0.0024	U	-	-	-	-	0.0019	U	0.0032	U	0.0023	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	mg/kg	-	-	0.0019	U	0.0068	U	0.0074	U	0.0014	J	-	-	-	-	0.077		0.016		0.0026		-	-	-	-	0.0019	U	0.0048		0.0023	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	-	-	0.0019	U	0.0068	U	0.0074	U	0.0028	U	-	-	-	-	0.0029	U	0.011	U	0.0024	U	-	-	-	-	0.0019	U	0.0032	U	0.0023	U
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	-	-	0.0019	U	0.0068	U	0.0074	U	0.01		-	-	-	-	0.42		0.004	J	0.0033		-	-	-	-	0.0019	U	0.0082		0.0023	U
1,2-Dibromo-3-chloropropane	96-12-8	~	mg/kg	-	-	0.0028	U	0.01	U	0.011	U	0.0042	U	-	-	-	-	0.0043	U	0.016	U	0.0036	U	-	-	-	-	0.0028	U	0.0048	U	0.0034	U
1,2-Dibromoethane	106-93-4	~	mg/kg	-	-	0.00093	U	0.0034	U	0.0037	U	0.0014	U	-	-	-	-	0.0014	U	0.0055	U	0.0012	U	-	-	-	-	0.00095	U	0.0016	U	0.0011	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	0.0019	U	0.0068	U	0.0074	U	0.0028	U	-	-	-	-	0.0029	U	0.011	U	0.0024	U	-	-	-	-	0.0019	U	0.0032	U	0.0023	U
1,2-Dichloroethane	107-06-2	0.02	mg/kg	-	-	0.00093	U	0.0034	U	0.0037	U	0.0014	U	-	-	-	-	0.0014	U	0.0055	U	0.0012	U	-	-	-	-	0.00095	U	0.0016	U	0.0011	U
1,2-Dichloroethene, Total	540-59-0	~	mg/kg	-	-	0.00093	U	0.0034	U	0.0037	U	0.0014	U	-	-	-	-	0.0014	U	0.0055	U	0.0012	U	-	-	-	-	0.00095	U	0.0016	U	0.0011	U
1,2-Dichloropropane	78-87-5	~	mg/kg	-	-	0.00093	U	0.0034	U	0.0037	U	0.0014	U	-	-	-	-	0.0014	U	0.0055	U	0.0012	U	-	-	-	-	0.00095	U	0.0016	U	0.0011	U
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	-	-	0.0019	U	0.0068	U	0.0074	U	0.0042		-	-	-	-	0.2		0.0047	J	0.0015	J	-	-	-	-	0.0019	U	0.0037		0.0023	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	0.0019	U	0.0068	U	0.0074	U	0.0028	U	-	-	-	-	0.0029	U	0.011	U	0.0024	U	-	-	-	-	0.0019	U	0.0032	U	0.0023	U
1,3-Dichloropropane	142-28-9	~	mg/kg	-	-	0.0019	U	0.0068	U	0.0074	U	0.0028	U	-	-	-	-	0.0029	U	0.011	U	0.0024	U	-	-	-	-	0.0019	U	0.0032	U	0.0023	U
1,3-Dichloropropene, Total	542-75-6	~	mg/kg	-	-	0.00047	U	0.0017	U	0.0018	U	0.00069	U	-	-	-	-	0.00072	U	0.0028	U	0.0006	U	-	-	-	-	0.00048	U	0.0008	U	0.00056	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	0.0019	U	0.0068	U	0.0074	U	0.0028	U	-	-	-	-	0.0029	U	0.011	U	0.0024	U	-	-	-	-	0.0019	U	0.0032	U	0.0023	U
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	0.075	U	0.27	U	0.29	U	0.11	U	-	-	-	-	0.12	U	0.44	U	0.096	U	-	-	-	-	0.076	U	0.13	U	0.09	U
2,2-Dichloropropane	594-20-7	~	mg/kg	-	-	0.0019	U	0.0068	U	0.0074	U	0.0028	U	-	-	-	-	0.0029	U	0.011	U	0.0024	U	-	-	-	-	0.0019	U	0.0032	U	0.0023	U
2-Butanone	78-93-3	0.12	mg/kg	-	-	0.0093	U	0.033	J	0.033	J	0.024		-	-	-	-	0.014	U	0.055	U	0.012	U	-	-	-	-	0.004	J	0.016	U	0.0034	J
2-Hexanone	591-78-6	~	mg/kg	-	-	0.0093	U	0.034	U	0.037	U	0.014	U	-	-	-	-	0.014	U	0.055	U	0.012	U	-	-	-	-	0.0095	U	0.016	U	0.011	U
4-Methyl-2-pentanone	108-10-1	~	mg/kg	-	-	0.0093	U	0.034	U	0.037	U	0.014	U	-	-	-	-	0.014	U	0.055	U	0.012	U	-	-	-	-	0.0095	U	0.016	U	0.011	U
Acetone	67-64-1	0.05	mg/kg	-	-	0.0093	U	**0.16**		**0.16**		0.023		-	-	-	-	0.014	U	**0.087**		0.011	J	-	-	-	-	0.0095	U	0.009	J	0.028	
Acrylonitrile	107-13-1	~	mg/kg	-	-	0.0037	U	0.014	U	0.015	U	0.0055	U	-	-	-	-	0.0058	U	0.022	U	0.0048	U	-	-	-	-	0.0038	U	0.0064	U	0.0045	U
Benzene	71-43-2	0.06	mg/kg	-	-	0.00047	U	0.0017	U	0.0018	U	0.00069	U	-	-	-	-	0.0016		**0.56**		0.019		-	-	-	-	0.00048	U	0.0008	U	0.00056	U
Bromobenzene	108-86-1	~	mg/kg	-	-	0.0019	U	0.0068	U	0.0074	U	0.0028	U	-	-	-	-	0.0029	U	0.011	U	0.0024	U	-	-	-	-	0.0019	U	0.0032	U	0.0023	U
Bromochloromethane	74-97-5	~	mg/kg	-	-	0.0019	U	0.0068	U	0.0074	U	0.0028	U	-	-	-	-	0.0029	U	0.011	U	0.0024	U	-	-	-	-	0.0019	U	0.0032	U	0.0023	U
Bromodichloromethane	75-27-4	~	mg/kg	-	-	0.00047	U	0.0017	U	0.0018	U	0.00069	U	-	-	-	-	0.00072	U	0.0028	U	0.0006	U	-	-	-	-	0.00048	U	0.0008	U	0.00056	U
Bromoform	75-25-2	~	mg/kg	-	-	0.0037	U	0.014	U	0.015	U	0.0055	U	-	-	-	-	0.0058	U	0.022	U	0.0048	U	-	-	-	-	0.0038	U	0.0064	U	0.0045	U
Bromomethane	74-83-9	~	mg/kg	-	-	0.0019	U	0.0068	U	0.0074	U	0.0028	U	-	-	-	-	0.0029	U	0.011	U	0.0024	U	-	-	-	-	0.0019	U	0.0032	U	0.0023	U
Carbon disulfide	75-15-0	~	mg/kg	-	-	0.0093	U	0.034	U	0.037	U	0.014	U	-	-	-	-	0.014	U	0.04	J	0.012	U	-	-	-	-	0.0095	U	0.016	U	0.011	U
Carbon tetrachloride	56-23-5	0.76	mg/kg	-	-	0.00093	U	0.0034	U	0.0037	U	0.0014	U	-	-	-	-	0.0014	U	0.0055	U	0.0012	U	-	-	-	-	0.00095	U	0.0016	U	0.0011	U
Chlorobenzene	108-90-7	1.1	mg/kg	-	-	0.00047	U	0.0017	U	0.0018	U	0.00069	U	-	-	-	-	0.00072	U	0.0028	U	0.0006	U	-	-	-	-	0.00048	U	0.0008	U	0.00056	U
Chloroethane	75-00-3	~	mg/kg	-	-	0.0019	U	0.0068	U	0.0074	U	0.0028	U	-	-	-	-	0.0029	U	0.011	U	0.0024	U	-	-	-	-	0.0019	U	0.0032	U	0.0023	U
Chloroform	67-66-3	0.37	mg/kg	-	-	0.0014	U	0.0051	U	0.0055	U	0.0021	U	-	-	-	-	0.0022	U	0.0083	U	0.0018	U	-	-	-	-	0.0014	U	0.0024	U	0.0017	U
Chloromethane	74-87-3	~	mg/kg	-	-	0.0037	U	0.014	U	0.015	U	0.0055	U	-	-	-	-	0.0058	U	0.022	U	0.0048	U	-	-	-	-	0.0038	U	0.0064	U	0.0045	U
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	-	-	0.00093	U	0.0034	U	0.0037	U	0.0014	U	-	-	-	-	0.0014	U	0.0055	U	0.0012	U	-	-	-	-	0.00095	U	0.0016	U	0.0011	U
cis-1,3-Dichloropropene	10061-01-5	~	mg/kg	-	-	0.00047	U	0.0017	U	0.0018	U	0.00069	U	-	-	-	-	0.00072	U	0.0028	U	0.0006	U	-	-	-	-	0.00048	U	0.0008	U	0.00056	U
Dibromochloromethane	124-48-1	~	mg/kg	-	-	0.00093	U	0.0034	U	0.0037	U	0.0014	U	-	-	-	-	0.0014	U	0.0055	U	0.0012	U	-	-	-	-	0.00095	U	0.0016	U	0.0011	U
Dibromomethane	74-95-3	~	mg/kg	-	-	0.0019	U	0.0068	U	0.0074	U	0.0028	U	-	-	-	-	0.0029	U	0.011	U	0.0024	U	-	-	-	-	0.0019	U	0.0032	U	0.0023	U
Dichlorodifluoromethane	75-71-8	~	mg/kg	-	-	0.0093	U	0.034	U	0.037	U	0.014	U	-	-	-	-	0.014	U	0.055	U	0.012	U	-	-	-	-	0.0095	U	0.016	U	0.011	U
Ethyl ether	60-29-7	~	mg/kg	-	-	0.0019	U	0.0068	U	0.0074	U	0.0028	U	-	-	-	-	0.0029	U	0.011	U	0.0024	U	-	-	-	-	0.0019	U	0.0032	U	0.0023	U
Ethylbenzene	100-41-4	1	mg/kg	-	-	0.00093	U	0.0034	U	0.0037	U	0.0018		-	-	-	-	0.023		0.07		0.001	J	-	-	-	-	0.00095	U	0.0011	J	0.0011	U
Hexachlorobutadiene	87-68-3	~	mg/kg	-	-	0.0037	U	0.014	U	0.015	U	0.0055	U	-	-	-	-	0.0058	U	0.022	U	0.0048	U	-	-	-	-	0.0038	U	0.0064	U	0.0045	U
Isopropylbenzene	98-82-8	~	mg/kg	-	-	0.00093	U	0.0034	U	0.0037	U	0.001	J	-	-	-	-	0.061		0.024		0.0094		-	-	-	-	0.00095	U	0.0021		0.0011	U
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	-	-	0.0019	U	0.0068	U	0.0074	U	0.0028	U	-	-	-	-	0.0029	U	0.0012	J	0.0024	U	-	-	-	-	0.0019	U	0.0032	U	0.0023	U
Methylene chloride	75-09-2	0.05	mg/kg	-	-	0.0047	U	0.017	U	0.018	U	0.0069	U	-	-	-	-	0.0072	U	0.028	U	0.006	U	-	-	-	-	0.0048	U	0.008	U	0.0056	U
n-Butylbenzene	104-51-8	12	mg/kg	-	-	0.00093	U	0.0034	U	0.0037	U	0.00077	J	-	-	-	-	0.052		0.01		0.0022		-	-	-	-	0.00095	U	0.0013	J	0.0011	U
n-Propylbenzene	103-65-1	3.9	mg/kg	-	-	0.00093	U	0.0034	U	0.0037	U	0.0014		-	-	-	-	0.04		0.018		0.011		-	-	-	-	0.00095	U	0.0026		0.0011	U
Naphthalene	91-20-3	12	mg/kg	-	-	0.0037	U	0.014	U	0.015	U	0.0025	J	-	-	-	-	0.047		0.022	U	0.015		-	-	-	-	0.0038	U	0.11		0.0045	U
o-Chlorotoluene	95-49-8	~	mg/kg	-	-	0.0019	U	0.0068	U	0.0074	U	0.0028	U	-	-	-	-	0.0029	U	0.011	U	0.0024	U	-	-	-	-	0.0019	U	0.0032	U	0.0023	U
o-Xylene	95-47-6	~	mg/kg	-	-	0.00093	U	0.0034	U	0.0037	U	0.0017		-	-	-	-	0.025		0.073		0.00066	J	-	-	-	-	0.00095	U	0.0023		0.0011	U
p-Chlorotoluene	106-43-4	~	mg/kg	-	-	0.0019	U	0.0068	U	0.0074	U	0.0028	U	-	-	-	-	0.0029	U	0.011	U	0.0024	U	-	-	-	-	0.0019	U	0.0032	U	0.0023	U
p-Diethylbenzene	105-05-5	~	mg/kg	-	-	0.0019	U	0.0068	U	0.0074	U	0.0056		-	-	-	-	0.055		0.011		0.0018	J	-	-	-	-	0.0019	U	0.0016	J	0.0023	U
p-Ethyltoluene	622-96-8	~	mg/kg	-	-	0.0019	U	0.0068	U	0.0074	U	0.0073		-	-	-	-	0.29		0.0059	J	0.0025		-	-	-	-	0.0019	U	0.0036		0.0023	U
p-Isopropyltoluene	99-87-6	~	mg/kg	-	-	0.00093	U	0.0034	U	0.0037	U	0.00097	J	-	-	-	-	0.068		0.0086		0.0021		-	-	-	-	0.00095	U	0.00075	J	0.0011	U
p/m-Xylene	179601-23-1	~	mg/kg	-	-	0.0019	U	0.0068	U	0.0074	U	0.0063		-	-	-	-	0.27		0.098		0.0044		-	-	-	-	0.0019	U	0.0032		0.0023	U
sec-Butylbenzene	135-98-8	11	mg/kg	-	-	0.00093	U	0.0034	U	0.0037	U	0.00083	J	-	-	-	-	0.061		0.012		0.0031		-	-	-	-	0.00095	U	0.0018		0.0011	U
Styrene	100-42-5	~	mg/kg	-	-	0.00093	U	0.0034	U	0.0037	U	0.0014	U	-	-	-	-	0.0014	U	0.0055	U	0.0012	U	-	-	-	-	0.00095	U	0.0016	U	0.0011	U
tert-Butylbenzene	98-06-6	5.9	mg/kg	-	-	0.0019	U	0.0068	U	0.0074	U	0.00019	J	-	-	-	-	0.0078		0.002	J	0.00047	J	-	-	-	-	0.0019	U	0.00088	J	0.0023	U
Tetrachloroethene	127-18-4	1.3	mg/kg	-	-	0.00047	U	0.0017	U	0.0018	U	0.00069	U	-	-	-	-	0.0097		0.0028	U	0.0006	U	-	-	-	-	0.00048	U	0.0008	U	0.00056	U
Toluene	108-88-3	0.7	mg/kg	-	-	0.00093	U	0.0034	U	0.0037	U	0.00075	J	-	-	-	-	0.0017		0.053		0.0012	U	-	-	-	-	0.00095	U	0.0016	U	0.0011	U
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	-	-	0.0014	U	0.0051	U	0.0055	U	0.0021	U	-	-	-	-	0.0022	U	0.0083	U	0.0018	U	-	-	-	-	0.0014	U	0.0024	U	0.0017	U
trans-1,3-Dichloropropene	10061-02-6	~	mg/kg	-	-	0.00093	U	0.0034	U	0.0037	U	0.0014	U	-	-	-	-	0.0014	U	0.0055	U	0.0012	U	-	-	-	-	0.00095	U	0.0016	U	0.0011	U
trans-1,4-Dichloro-2-butene	110-57-6	~	mg/kg	-	-	0.0047	U	0.017	U	0.018	U	0.0069	U	-	-	-	-	0.0072	U	0.028	U	0.006	U	-	-	-	-	0.0048	U	0.008	U	0.0056	U
Trichloroethene	79-01-6	0.47	mg/kg	-	-	0.00047	U	0.0017	U	0.0018	U	0.00069	U	-	-	-	-	0.00072	U	0.0028	U	0.0006	U	-	-	-	-	0.00048	U	0.0008	U	0.00056	U
Trichlorofluoromethane	75-69-4	~	mg/kg	-	-	0.0037	U	0.014	U	0.015	U	0.0055	U	-	-	-	-	0.0058	U	0.022	U	0.0048	U	-	-	-	-	0.0038	U	0.0064	U	0.0045	U
Vinyl acetate	108-05-4	~	mg/kg	-	-	0.0093	U	0.034	U	0.037	U	0.014	U	-	-	-	-	0.014	U	0.055	U	0.012	U	-	-	-	-	0.0095	U	0.016	U	0.011	U
Vinyl chloride	75-01-4	0.02	mg/kg	-	-	0.00093	U	0.0034	U	0.0037	U	0.0014	U	-	-	-	-	0.0014	U	0.0055	U	0.0012	U	-	-	-	-	0.00095	U	0.0016	U	0.0011	U
Xylenes, Total	1330-20-7	1.6	mg/kg	-	-	0.00093	U	0.0034	U	0.0037	U	0.008		-	-	-	-	0.3		0.17		0.0051	J	-	-	-	-	0.00095	U	0.0055		0.0011	U

* Comparison is not performed on parameters with non-numeric criteria.
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted u

Table 3.4
Endpoint Analytical Data (7-11 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-103-021624		EP-103 07-26-24 10'		EP-104 07-30-24 12'		EP-105 090924 (19')		EP-113 07-02-24 (8')		EP-114A 06-28-24 8'		EP-114B 06-28-24 8'	
SAMPLING DATE				2/16/2024		7/26/2024		7/30/2024		9/9/2024		7/2/2024		6/28/2024		6/28/2024	
LAB SAMPLE ID				L2408786-03		L2442376-01		L2442845-01		L2451280-01		L2437568-01		L2436993-01		L2436993-02	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH				8		10		12		19		8		8		8	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																	
Chromium, Hexavalent	18540-29-9	19	mg/kg	0.894	U	0.95	U	0.912	U	0.995	U	0.955	U	0.887	U	1	U
Cyanide, Total	57-12-5	40	mg/kg	-	-	1.2	U	1.1	U	1.2	U	1.2	U	1.1	U	1.2	U
Solids, Total	NONE	~	%	89.5		84.2		87.7		80.4		83.8		90.2		79.8	
Organochlorine Pesticides by GC																	
4,4'-DDD	72-54-8	14	mg/kg	-	-	0.00183	U	0.00172	U	0.000689	J	0.00182	U	0.000929	JP	0.00193	U
4,4'-DDE	72-55-9	17	mg/kg	-	-	0.00183	U	0.00172	U	0.00172	J	0.00182	U	0.00866	P	0.00193	U
4,4'-DDT	50-29-3	136	mg/kg	-	-	0.00183	U	0.00172	U	0.0019	U	0.00182	U	0.0131	P	0.00193	U
Aldrin	309-00-2	0.19	mg/kg	-	-	0.00183	U	0.00172	U	0.0019	U	0.00182	U	0.00168	U	0.00193	U
Alpha-BHC	319-84-6	0.02	mg/kg	-	-	0.000762	U	0.000717	U	0.00079	U	0.00076	U	0.0007	U	0.000803	U
Beta-BHC	319-85-7	0.09	mg/kg	-	-	0.00183	U	0.00172	U	0.0019	U	0.00182	U	0.00168	U	0.00193	U
Chlordane	57-74-9	~	mg/kg	-	-	0.0152	U	0.0143	U	0.0158	U	0.0152	U	0.014	U	0.0161	U
cis-Chlordane	5103-71-9	2.9	mg/kg	-	-	0.00229	U	0.00215	U	0.00237	U	0.00228	U	0.0021	U	0.00241	U
Delta-BHC	319-86-8	0.25	mg/kg	-	-	0.00183	U	0.00172	U	0.0019	U	0.00182	U	0.00168	U	0.00193	U
Dieldrin	60-57-1	0.1	mg/kg	-	-	0.00114	U	0.00108	U	0.00118	U	0.00114	U	0.00105	U	0.0012	U
Endosulfan I	959-98-8	102	mg/kg	-	-	0.00183	U	0.00172	U	0.0019	U	0.00182	U	0.00168	U	0.00193	U
Endosulfan II	33213-65-9	102	mg/kg	-	-	0.00183	U	0.00172	U	0.0019	U	0.00182	U	0.00168	U	0.00193	U
Endosulfan sulfate	1031-07-8	1000	mg/kg	-	-	0.000762	U	0.000717	U	0.00079	U	0.00076	U	0.0007	U	0.000803	U
Endrin	72-20-8	0.06	mg/kg	-	-	0.000762	U	0.000717	U	0.00079	U	0.00076	U	0.0007	U	0.000803	U
Endrin aldehyde	7421-93-4	~	mg/kg	-	-	0.00229	U	0.00215	U	0.00237	U	0.00228	U	0.0021	U	0.00241	U
Endrin ketone	53494-70-5	~	mg/kg	-	-	0.00183	U	0.00172	U	0.0019	U	0.00182	U	0.00168	U	0.00193	U
Heptachlor	76-44-8	0.38	mg/kg	-	-	0.000915	U	0.00086	U	0.000948	U	0.000912	U	0.00084	U	0.000964	U
Heptachlor epoxide	1024-57-3	~	mg/kg	-	-	0.00343	U	0.00322	U	0.00355	U	0.00342	U	0.00315	U	0.00361	U
Lindane	58-89-9	0.1	mg/kg	-	-	0.000762	U	0.000717	U	0.00079	U	0.00076	U	0.0007	U	0.000803	U
Methoxychlor	72-43-5	~	mg/kg	-	-	0.00343	U	0.00322	U	0.00355	U	0.00342	U	0.00315	U	0.00361	U
Toxaphene	8001-35-2	~	mg/kg	-	-	0.0343	U	0.0322	U	0.0355	U	0.0342	U	0.0315	U	0.0361	U
trans-Chlordane	5103-74-2	~	mg/kg	-	-	0.00229	U	0.00215	U	0.00237	U	0.00228	U	0.0021	U	0.00241	U
Perfluorinated Alkyl Acids by EPA 1633																	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8	39108-34-4	~	mg/kg	-	-	0.000798	U	0.00074	U	0.0008	U	0.000792	U	0.00052	U	0.000607	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6	27619-97-2	~	mg/kg	-	-	0.000798	U	0.00074	U	0.0008	U	0.000792	U	0.00052	U	0.000607	U
N-Ethyl Perfluorooctanesulfonamidoacetic A	2991-50-6	~	mg/kg	-	-	0.0002	U	0.000185	U	0.0002	U	0.000198	U	0.00052	U	0.000607	U
N-Methyl Perfluorooctanesulfonamidoacetic	2355-31-9	~	mg/kg	-	-	0.0002	U	0.000185	U	0.0002	U	0.000198	U	0.00052	U	0.000607	U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	mg/kg	-	-	0.0002	U	0.000185	U	0.0002	U	0.000198	U	0.00026	U	0.000303	U
Perfluorobutanoic Acid (PFBA)	375-22-4	~	mg/kg	-	-	0.000798	U	0.00074	U	0.0008	U	0.000792	U	0.00052	U	0.000607	U
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	mg/kg	-	-	0.0002	U	0.000185	U	0.0002	U	0.000198	U	0.00052	U	0.000607	U
Perfluorodecanoic Acid (PFDA)	335-76-2	~	mg/kg	-	-	0.0002	U	0.000185	U	0.0002	U	0.000198	U	0.00026	U	0.000303	U
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	mg/kg	-	-	0.0002	U	0.000185	U	0.0002	U	0.000198	U	0.00052	U	0.000607	U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	mg/kg	-	-	0.0002	U	0.000185	U	0.0002	U	0.000198	U	0.00052	U	0.000607	U
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	mg/kg	-	-	0.0002	U	0.000027	J	0.0002	U	0.000198	U	0.00026	U	0.000303	U
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	mg/kg	-	-	0.0002	U	0.000185	U	0.0002	U	0.000198	U	0.00026	U	0.000303	U
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	mg/kg	-	-	0.0002	U	0.000185	U	0.0002	U	0.000198	U	0.00052	U	0.000607	U
Perfluorononanoic Acid (PFNA)	375-95-1	~	mg/kg	-	-	0.0002	U	0.000226		0.0002	U	0.000198	U	0.00026	U	0.000303	U
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	mg/kg	-	-	0.0002	U	0.000185	U	0.0002	U	0.000198	U	0.00052	U	0.000607	U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	0.001	mg/kg	-	-	0.0002	U	0.000185	U	0.0002	U	0.000198	U	0.00026	U	0.000303	U
Perfluorooctanoic Acid (PFOA)	335-67-1	0.0008	mg/kg	-	-	0.0002	U	0.000089	J	0.0002	U	0.000057	J	0.00026	U	0.000303	U
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	mg/kg	-	-	0.000399	U	0.00037	U	0.0004	U	0.000396	U	0.00052	U	0.000607	U
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	mg/kg	-	-	0.0002	U	0.000185	U	0.0002	U	0.000198	U	0.00052	U	0.000607	U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	mg/kg	-	-	0.0002	U	0.000185	U	0.0002	U	0.000198	U	0.00052	U	0.000607	U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	mg/kg	-	-	0.0002	U	0.000185	U	0.0002	U	0.000198	U	0.00052	U	0.000607	U
PFOA/PFOS, Total	null	~	mg/kg	-	-	0.0002	U	0.000089	J	0.0002	U	0.000057	J	0.00026	U	0.000303	U
Polychlorinated Biphenyls by GC																	
Aroclor 1016	12674-11-2	3.2	mg/kg	-	-	0.0562	U	0.0552	U	0.0615	U	0.0594	U	0.0527	U	0.0584	U
Aroclor 1221	11104-28-2	3.2	mg/kg	-	-	0.0562	U	0.0552	U	0.0615	U	0.0594	U	0.0527	U	0.0584	U
Aroclor 1232	11141-16-5	3.2	mg/kg	-	-	0.0562	U	0.0552	U	0.0615	U	0.0594	U	0.0527	U	0.0584	U
Aroclor 1242	53469-21-9	3.2	mg/kg	-	-	0.0562	U	0.0552	U	0.0615	U	0.0594	U	0.0527	U	0.0584	U
Aroclor 1248	12672-29-6	3.2	mg/kg	-	-	0.0562	U	0.0552	U	0.0615	U	0.0594	U	0.0527	U	0.0584	U
Aroclor 1254	11097-69-1	3.2	mg/kg	-	-	0.0562	U	0.0552	U	0.0615	U	0.0594	U	0.0144	J	0.0584	U
Aroclor 1260	11096-82-5	3.2	mg/kg	-	-	0.0562	U	0.0552	U	0.0615	U	0.0594	U	0.0527	U	0.0584	U
Aroclor 1262	37324-23-5	3.2	mg/kg	-	-	0.0562	U	0.0552	U	0.0615	U	0.0594	U	0.0527	U	0.0584	U
Aroclor 1268	11100-14-4	3.2	mg/kg	-	-	0.0562	U	0.0552	U	0.0615	U	0.0594	U	0.0527	U	0.0584	U
PCBs, Total	1336-36-3	3.2	mg/kg	-	-	0.0562	U	0.0552	U	0.0615	U	0.0594	U	0.0144	J	0.0584	U
Semivolatile Organics by GC/MS																	
1,2,4,5-Tetrachlorobenzene	95-94-3	~	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
1,4-Dioxane	123-91-1	0.1	mg/kg	0.027	U	0.029	U	0.028	U	0.03	U	0.03	U	0.028	U	0.031	U
2,4,5-Trichlorophenol	95-95-4	~	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
2,4,6-Trichlorophenol	88-06-2	~	mg/kg	0.11	U	0.12	U	0.11	U	0.12	U	0.12	U	0.11	U	0.12	U
2,4-Dichlorophenol	120-83-2	~	mg/kg	0.16	U	0.17	U	0.17	U	0.18	U	0.18	U	0.16	U	0.19	U
2,4-Dimethylphenol	105-67-9	~	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
2,4-Dinitrophenol	51-28-5	~	mg/kg	0.87	U	0.93	U	0.89	U	0.98	U	0.95	U	0.88	U	0.99	U
2,4-Dinitrotoluene	121-14-2	~	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
2,6-Dinitrotoluene	606-20-2	~	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
2-Chloronaphthalene	91-58-7	~	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
2-Chlorophenol	95-57-8	~	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
2-Methylnaphthalene	91-57-6	~	mg/kg	0.028	J	0.23	U	0.22	U	0.13	J	0.24	U	0.22	U	0.25	U
2-Methylphenol	95-48-7	0.33	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
2-Nitroaniline	88-74-4	~	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
2-Nitrophenol	88-75-5	~	mg/kg	0.39	U	0.42	U	0.4	U	0.44	U	0.43	U	0.4	U	0.45	U

Table 3.4
Endpoint Analytical Data (7-11 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-103-021624		EP-103 07-26-24 10'		EP-104 07-30-24 12'		EP-105 090924 (19')		EP-113 07-02-24 (8')		EP-114A 06-28-24 8'		EP-114B 06-28-24 8'	
SAMPLING DATE				2/16/2024		7/26/2024		7/30/2024		9/9/2024		7/2/2024		6/28/2024		6/28/2024	
LAB SAMPLE ID				L2408786-03		L2442376-01		L2442845-01		L2451280-01		L2437568-01		L2436993-01		L2436993-02	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH				8		10		12		19		8		8		8	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
3,3'-Dichlorobenzidine	91-94-1	~	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5	0.33	mg/kg	0.26	U	0.28	U	0.27	U	0.29	U	0.28	U	0.26	U	0.3	U
3-Nitroaniline	99-09-2	~	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
4,6-Dinitro-o-cresol	534-52-1	~	mg/kg	0.47	U	0.5	U	0.48	U	0.53	U	0.52	U	0.48	U	0.54	U
4-Bromophenyl phenyl ether	101-55-3	~	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
4-Chloroaniline	106-47-8	~	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
4-Chlorophenyl phenyl ether	7005-72-3	~	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
4-Nitroaniline	100-01-6	~	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
4-Nitrophenol	100-02-7	~	mg/kg	0.25	U	0.27	U	0.26	U	0.28	U	0.28	U	0.26	U	0.29	U
Acenaphthene	83-32-9	98	mg/kg	0.14		0.15	U	0.15	U	0.16	U	0.16	U	0.03	J	0.16	U
Acenaphthylene	208-96-8	107	mg/kg	0.099	J	0.15	U	0.15	U	0.16	U	0.16	U	0.15	U	0.16	U
Acetophenone	98-86-2	~	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
Anthracene	120-12-7	1000	mg/kg	0.35		0.12	U	0.11	U	0.046	J	0.12	U	0.073	J	0.12	U
Benzo(a)anthracene	56-55-3	1	mg/kg	1.1		0.12	U	0.11	U	0.1	J	0.12	U	0.32		0.12	U
Benzo(a)pyrene	50-32-8	22	mg/kg	1.2		0.15	U	0.15	U	0.1	J	0.16	U	0.32		0.16	U
Benzo(b)fluoranthene	205-99-2	1.7	mg/kg	1.4		0.12	U	0.11	U	0.12		0.12	U	0.43		0.12	U
Benzo(ghi)perylene	191-24-2	1000	mg/kg	0.69		0.15	U	0.15	U	0.06	J	0.16	U	0.19		0.16	U
Benzo(k)fluoranthene	207-08-9	1.7	mg/kg	0.49		0.12	U	0.11	U	0.042	J	0.12	U	0.1	J	0.12	U
Benzoic Acid	65-85-0	~	mg/kg	0.59	U	0.63	U	0.6	U	0.28	J	0.64	U	0.6	U	0.67	U
Benzyl Alcohol	100-51-6	~	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
Biphenyl	92-52-4	~	mg/kg	0.41	U	0.44	U	0.42	U	0.46	U	0.45	U	0.42	U	0.47	U
Bis(2-chloroethoxy)methane	111-91-1	~	mg/kg	0.2	U	0.21	U	0.2	U	0.22	U	0.21	U	0.2	U	0.22	U
Bis(2-chloroethyl)ether	111-44-4	~	mg/kg	0.16	U	0.17	U	0.17	U	0.18	U	0.18	U	0.16	U	0.19	U
Bis(2-chloroisopropyl)ether	108-60-1	~	mg/kg	0.22	U	0.23	U	0.22	U	0.24	U	0.24	U	0.22	U	0.25	U
Bis(2-ethylhexyl)phthalate	117-81-7	~	mg/kg	0.18	U	0.19	U	0.18	U	0.079	J	0.2	U	0.18	U	0.21	U
Butyl benzyl phthalate	85-68-7	~	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
Carbazole	86-74-8	~	mg/kg	0.12	J	0.19	U	0.18	U	0.2	U	0.2	U	0.033	J	0.21	U
Chrysene	218-01-9	1	mg/kg	0.99		0.12	U	0.11	U	0.084	J	0.12	U	0.3		0.12	U
Di-n-butylphthalate	84-74-2	~	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
Di-n-octylphthalate	117-84-0	~	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
Dibenzo(a,h)anthracene	53-70-3	1000	mg/kg	0.15		0.12	U	0.11	U	0.12	U	0.12	U	0.045	J	0.12	U
Dibenzofuran	132-64-9	210	mg/kg	0.059	J	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
Diethyl phthalate	84-66-2	~	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
Dimethyl phthalate	131-11-3	~	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
Fluoranthene	206-44-0	1000	mg/kg	2.4		0.12	U	0.11	U	0.25		0.12	U	0.61		0.12	U
Fluorene	86-73-7	386	mg/kg	0.12	J	0.19	U	0.18	U	0.022	J	0.2	U	0.027	J	0.21	U
Hexachlorobenzene	118-74-1	3.2	mg/kg	0.11	U	0.12	U	0.11	U	0.12	U	0.12	U	0.11	U	0.12	U
Hexachlorobutadiene	87-68-3	~	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
Hexachlorocyclopentadiene	77-47-4	~	mg/kg	0.52	U	0.55	U	0.53	U	0.58	U	0.57	U	0.53	U	0.59	U
Hexachloroethane	67-72-1	~	mg/kg	0.14	U	0.15	U	0.15	U	0.16	U	0.16	U	0.15	U	0.16	U
Indeno(1,2,3-cd)pyrene	193-39-5	8.2	mg/kg	0.7		0.15	U	0.15	U	0.062	J	0.16	U	0.2		0.16	U
Isophorone	78-59-1	~	mg/kg	0.16	U	0.17	U	0.17	U	0.18	U	0.18	U	0.16	U	0.19	U
\	621-64-7	~	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
Naphthalene	91-20-3	12	mg/kg	0.074	J	0.19	U	0.18	U	0.051	J	0.2	U	0.18	U	0.21	U
NDPA/DPA	86-30-6	~	mg/kg	0.14	U	0.15	U	0.15	U	0.16	U	0.16	U	0.15	U	0.16	U
Nitrobenzene	98-95-3	~	mg/kg	0.16	U	0.17	U	0.17	U	0.18	U	0.18	U	0.16	U	0.19	U
p-Chloro-m-cresol	59-50-7	~	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
Pentachlorophenol	87-86-5	0.8	mg/kg	0.14	U	0.15	U	0.15	U	0.16	U	0.16	U	0.15	U	0.16	U
Phenanthrene	85-01-8	1000	mg/kg	1.2		0.12	U	0.11	U	0.18		0.12	U	0.29		0.12	U
Phenol	108-95-2	0.33	mg/kg	0.18	U	0.19	U	0.18	U	0.2	U	0.2	U	0.18	U	0.21	U
Pyrene	129-00-0	1000	mg/kg	2		0.12	U	0.11	U	0.21		0.12	U	0.52		0.12	U
Total Metals																	
Aluminum, Total	7429-90-5	~	mg/kg	-	-	5530		2040		4340		10900		4020		4580	
Antimony, Total	7440-36-0	~	mg/kg	-	-	4.57	U	4.36	U	4.7	U	4.59	U	4.28	U	4.74	U
Arsenic, Total	7440-38-2	16	mg/kg	2.81		2.96		0.82	J	0.926	J	5.7		2.46		1.73	
Barium, Total	7440-39-3	820	mg/kg	-	-	13.2		10.7		12.5		32.7		69.8		18	
Beryllium, Total	7440-41-7	47	mg/kg	-	-	0.278	J	0.112	J	0.265	J	0.419	J	0.24	J	0.296	J
Cadmium, Total	7440-43-9	7.5	mg/kg	-	-	0.914	U	0.872	U	0.941	U	0.918	U	0.506	J	0.948	U
Calcium, Total	7440-70-2	~	mg/kg	-	-	718		1120		1570		3700		49300		1080	
Chromium, Total	7440-47-3	~	mg/kg	-	-	10.7		4.31		10.5		15.4		7.64		7.86	
Cobalt, Total	7440-48-4	~	mg/kg	-	-	4.84		1.47	J	4.31		5.96		2.1		2.15	
Copper, Total	7440-50-8	1720	mg/kg	-	-	6.54		4.12		8.03		8.95		8.2		4.28	
Iron, Total	7439-89-6	~	mg/kg	-	-	11900		4920		8920		16500		7550		8160	
Lead, Total	7439-92-1	450	mg/kg	-	-	6.41		18.8		3.05	J	12.5		51.2		3.26	J
Magnesium, Total	7439-95-4	~	mg/kg	-	-	1560		858		1590		2400		4350		1110	
Manganese, Total	7439-96-5	2000	mg/kg	-	-	184		53.4		137		190		105		61.2	
Mercury, Total	7439-97-6	0.73	mg/kg	-	-	0.075	U	0.073	U	0.079	U	0.058	J	0.07	U	0.08	U
Nickel, Total	7440-02-0	130	mg/kg	-	-	10.1		6.04		14.2		11		8.2		6.73	
Potassium, Total	7440-09-7	~	mg/kg	-	-	385		303		450		706		376		382	
Selenium, Total	7782-49-2	4	mg/kg	-	-	1.83	U	1.74	U	1.88	U	0.492	J	1.71	U	0.263	J
Silver, Total	7440-22-4	8.3	mg/kg	-	-	0.457	U	0.436	U	0.47	U	0.459	U	0.428	U	0.474	U
Sodium, Total	7440-23-5	~	mg/kg	-	-	178	J	131	J	99.1	J	209		93.1	J	262	
Thallium, Total	7440-28-0	~	mg/kg	-	-	1.83	U	1.74	U	1.88	U	0.407	J	1.71	U	1.9	U
Vanadium, Total	7440-62-2	~	mg/kg	-	-	15.1		6.12		14.4		22.6		10.4		11.6	
Zinc, Total	7440-66-6	2480	mg/kg	-	-	20.4		9.28		17.8		30.1		199		14	
Volatile Organics by EPA 5035																	
1,1,1,2-Tetrachloroethane	630-20-6	~	mg/kg	-	-	0.0005	U	0.0005	U	0.00061	U	0.00045	U	0.00061	U	0.00069	U
1,1,1-Trichloroethane	71-55-6	0.68	mg/kg	-	-	0.0005	U	0.0005	U	0.00061	U	0.00045	U	0.00061	U	0.00069	U
1,1,2,2-Tetrachloroethane	79-34-5	~	mg/kg	-	-	0.0005	U	0.0005	U	0.00061	U	0.00045	U	0.00061	U	0.00069	U
1,1,2-Trichloroethane	79-00-5	~	mg/kg	-	-	0.001	U	0.001	U	0.0012	U	0.0009	U	0.0012	U	0.0014	U
1,1-Dichloroethane	75-34-3	0.27	mg/kg	-	-	0.001	U	0.001	U	0.0012	U	0.0009	U	0.0012	U	0.0014	U
1,1-Dichloroethene	75-35-4	0.33	mg/kg	-	-	0.001	U	0.001	U	0.0012	U	0.0009	U	0.0012	U	0.0014	U

Table 3.4
Endpoint Analytical Data (7-11 Foot Cut)
318 Nevins Street, Brooklyn, New York

LOCATION		NY-PG SCOs	Units	EP-103-021624		EP-103 07-26-24 10'		EP-104 07-30-24 12'		EP-105 090924 (19')		EP-113 07-02-24 (8')		EP-114A 06-28-24 8'		EP-114B 06-28-24 8'	
SAMPLING DATE				2/16/2024		7/26/2024		7/30/2024		9/9/2024		7/2/2024		6/28/2024		6/28/2024	
LAB SAMPLE ID				L2408786-03		L2442376-01		L2442845-01		L2451280-01		L2437568-01		L2436993-01		L2436993-02	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH				8		10		12		19		8		8		8	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,1-Dichloropropene	563-58-6	~	mg/kg	-	-	0.0005	U	0.0005	U	0.00061	U	0.00045	U	0.00061	U	0.00069	U
1,2,3-Trichlorobenzene	87-61-6	~	mg/kg	-	-	0.002	U	0.002	U	0.0024	U	0.0018	U	0.0024	U	0.0028	U
1,2,3-Trichloropropane	96-18-4	~	mg/kg	-	-	0.002	U	0.002	U	0.0024	U	0.0018	U	0.0024	U	0.0028	U
1,2,4,5-Tetramethylbenzene	95-93-2	~	mg/kg	-	-	0.002	U	0.002	U	0.00072	J	0.0018	U	0.0024	U	0.011	
1,2,4-Trichlorobenzene	120-82-1	~	mg/kg	-	-	0.002	U	0.002	U	0.0024	U	0.0018	U	0.0024	U	0.0028	U
1,2,4-Trimethylbenzene	95-63-6	3.6	mg/kg	-	-	0.002	U	0.002	U	0.0024	U	0.0018	U	0.0024	U	0.0028	U
1,2-Dibromo-3-chloropropane	96-12-8	~	mg/kg	-	-	0.003	U	0.003	U	0.0036	U	0.0027	U	0.0036	U	0.0041	U
1,2-Dibromoethane	106-93-4	~	mg/kg	-	-	0.001	U	0.001	U	0.0012	U	0.0009	U	0.0012	U	0.0014	U
1,2-Dichlorobenzene	95-50-1	1.1	mg/kg	-	-	0.002	U	0.002	U	0.0024	U	0.0018	U	0.0024	U	0.0028	U
1,2-Dichloroethane	107-06-2	0.02	mg/kg	-	-	0.001	U	0.001	U	0.0012	U	0.0009	U	0.0012	U	0.0014	U
1,2-Dichloroethene, Total	540-59-0	~	mg/kg	-	-	0.001	U	0.001	U	0.00029	J	0.0009	U	0.0012	U	0.0014	U
1,2-Dichloropropane	78-87-5	~	mg/kg	-	-	0.001	U	0.001	U	0.0012	U	0.0009	U	0.0012	U	0.0014	U
1,3,5-Trimethylbenzene	108-67-8	8.4	mg/kg	-	-	0.002	U	0.002	U	0.00027	J	0.0018	U	0.0024	U	0.0028	U
1,3-Dichlorobenzene	541-73-1	2.4	mg/kg	-	-	0.002	U	0.002	U	0.0024	U	0.0018	U	0.0024	U	0.0028	U
1,3-Dichloropropane	142-28-9	~	mg/kg	-	-	0.002	U	0.002	U	0.0024	U	0.0018	U	0.0024	U	0.0028	U
1,3-Dichloropropene, Total	542-75-6	~	mg/kg	-	-	0.0005	U	0.0005	U	0.00061	U	0.00045	U	0.00061	U	0.00069	U
1,4-Dichlorobenzene	106-46-7	1.8	mg/kg	-	-	0.002	U	0.002	U	0.0024	U	0.0018	U	0.0024	U	0.0028	U
1,4-Dioxane	123-91-1	0.1	mg/kg	-	-	0.08	U	0.08	U	0.098	U	0.072	U	0.097	U	0.11	U
2,2-Dichloropropane	594-20-7	~	mg/kg	-	-	0.002	U	0.002	U	0.0024	U	0.0018	U	0.0024	U	0.0028	U
2-Butanone	78-93-3	0.12	mg/kg	-	-	0.0029	J	0.0085	J	0.012	U	0.0059	J	0.0041	J	0.015	
2-Hexanone	591-78-6	~	mg/kg	-	-	0.01	U	0.01	U	0.012	U	0.009	U	0.012	U	0.014	U
4-Methyl-2-pentanone	108-10-1	~	mg/kg	-	-	0.01	U	0.01	U	0.012	U	0.009	U	0.012	U	0.014	U
Acetone	67-64-1	0.05	mg/kg	-	-	0.015		0.04		0.0073	J	0.026		0.03		**0.052**	
Acrylonitrile	107-13-1	~	mg/kg	-	-	0.004	U	0.004	U	0.0049	U	0.0036	U	0.0049	U	0.0055	U
Benzene	71-43-2	0.06	mg/kg	-	-	0.0005	U	0.0005	U	0.00061	U	0.00045	U	0.00061	U	0.00069	U
Bromobenzene	108-86-1	~	mg/kg	-	-	0.002	U	0.002	U	0.0024	U	0.0018	U	0.0024	U	0.0028	U
Bromochloromethane	74-97-5	~	mg/kg	-	-	0.002	U	0.002	U	0.0024	U	0.0018	U	0.0024	U	0.0028	U
Bromodichloromethane	75-27-4	~	mg/kg	-	-	0.0005	U	0.0005	U	0.00061	U	0.00045	U	0.00061	U	0.00069	U
Bromoform	75-25-2	~	mg/kg	-	-	0.004	U	0.004	U	0.0049	U	0.0036	U	0.0049	U	0.0055	U
Bromomethane	74-83-9	~	mg/kg	-	-	0.002	U	0.002	U	0.0024	U	0.0018	U	0.0024	U	0.0028	U
Carbon disulfide	75-15-0	~	mg/kg	-	-	0.01	U	0.01	U	0.012	U	0.009	U	0.012	U	0.014	U
Carbon tetrachloride	56-23-5	0.76	mg/kg	-	-	0.001	U	0.001	U	0.0012	U	0.0009	U	0.0012	U	0.0014	U
Chlorobenzene	108-90-7	1.1	mg/kg	-	-	0.0005	U	0.0005	U	0.00061	U	0.00045	U	0.00061	U	0.00069	U
Chloroethane	75-00-3	~	mg/kg	-	-	0.002	U	0.002	U	0.0024	U	0.0018	U	0.0024	U	0.0028	U
Chloroform	67-66-3	0.37	mg/kg	-	-	0.0015	U	0.0015	U	0.0018	U	0.0013	U	0.0018	U	0.0021	U
Chloromethane	74-87-3	~	mg/kg	-	-	0.004	U	0.004	U	0.0049	U	0.0036	U	0.0049	U	0.0055	U
cis-1,2-Dichloroethene	156-59-2	0.25	mg/kg	-	-	0.001	U	0.001	U	0.00029	J	0.0009	U	0.0012	U	0.0014	U
cis-1,3-Dichloropropene	10061-01-5	~	mg/kg	-	-	0.0005	U	0.0005	U	0.00061	U	0.00045	U	0.00061	U	0.00069	U
Dibromochloromethane	124-48-1	~	mg/kg	-	-	0.001	U	0.001	U	0.0012	U	0.0009	U	0.0012	U	0.0014	U
Dibromomethane	74-95-3	~	mg/kg	-	-	0.002	U	0.002	U	0.0024	U	0.0018	U	0.0024	U	0.0028	U
Dichlorodifluoromethane	75-71-8	~	mg/kg	-	-	0.01	U	0.01	U	0.012	U	0.009	U	0.012	U	0.014	U
Ethyl ether	60-29-7	~	mg/kg	-	-	0.002	U	0.002	U	0.0024	U	0.0018	U	0.0024	U	0.0028	U
Ethylbenzene	100-41-4	1	mg/kg	-	-	0.001	U	0.001	U	0.00028	J	0.0009	U	0.0012	U	0.0014	U
Hexachlorobutadiene	87-68-3	~	mg/kg	-	-	0.004	U	0.004	U	0.0049	U	0.0036	U	0.0049	U	0.0055	U
Isopropylbenzene	98-82-8	~	mg/kg	-	-	0.001	U	0.001	U	0.00013	J	0.0009	U	0.0012	U	0.0014	U
Methyl tert butyl ether	1634-04-4	0.93	mg/kg	-	-	0.002	U	0.002	U	0.0024	U	0.0018	U	0.0024	U	0.0028	U
Methylene chloride	75-09-2	0.05	mg/kg	-	-	0.005	U	0.005	U	0.0061	U	0.0045	U	0.0061	U	0.0069	U
n-Butylbenzene	104-51-8	12	mg/kg	-	-	0.001	U	0.001	U	0.00048	J	0.0009	U	0.0012	U	0.0014	U
n-Propylbenzene	103-65-1	3.9	mg/kg	-	-	0.001	U	0.001	U	0.0012	U	0.0009	U	0.0012	U	0.0014	U
Naphthalene	91-20-3	12	mg/kg	-	-	0.004	U	0.004	U	0.0049	U	0.0036	U	0.0049	U	0.0055	U
o-Chlorotoluene	95-49-8	~	mg/kg	-	-	0.002	U	0.002	U	0.0024	U	0.0018	U	0.0024	U	0.0028	U
o-Xylene	95-47-6	~	mg/kg	-	-	0.001	U	0.001	U	0.0012	U	0.0009	U	0.0012	U	0.0014	U
p-Chlorotoluene	106-43-4	~	mg/kg	-	-	0.002	U	0.002	U	0.0024	U	0.0018	U	0.0024	U	0.0028	U
p-Diethylbenzene	105-05-5	~	mg/kg	-	-	0.002	U	0.002	U	0.00044	J	0.0018	U	0.0024	U	0.0028	U
p-Ethyltoluene	622-96-8	~	mg/kg	-	-	0.002	U	0.002	U	0.0024	U	0.0018	U	0.0024	U	0.0028	U
p-Isopropyltoluene	99-87-6	~	mg/kg	-	-	0.001	U	0.001	U	0.00036	J	0.0009	U	0.0012	U	0.0014	U
p/m-Xylene	179601-23-1	~	mg/kg	-	-	0.002	U	0.002	U	0.0013	J	0.00055	J	0.0024	U	0.0028	U
sec-Butylbenzene	135-98-8	11	mg/kg	-	-	0.001	U	0.001	U	0.00025	J	0.0009	U	0.0012	U	0.00058	J
Styrene	100-42-5	~	mg/kg	-	-	0.001	U	0.001	U	0.0012	U	0.00063	J	0.0012	U	0.0014	U
tert-Butylbenzene	98-06-6	5.9	mg/kg	-	-	0.002	U	0.002	U	0.0024	U	0.0018	U	0.00026	J	0.0032	
Tetrachloroethene	127-18-4	1.3	mg/kg	-	-	0.0005	U	0.0005	U	0.0088		0.00028	J	0.00061	U	0.00069	U
Toluene	108-88-3	0.7	mg/kg	-	-	0.001	U	0.001	U	0.0013		0.0014		0.0012	U	0.0014	U
trans-1,2-Dichloroethene	156-60-5	0.19	mg/kg	-	-	0.0015	U	0.0015	U	0.0018	U	0.0013	U	0.0018	U	0.0021	U
trans-1,3-Dichloropropene	10061-02-6	~	mg/kg	-	-	0.001	U	0.001	U	0.0012	U	0.0009	U	0.0012	U	0.0014	U
trans-1,4-Dichloro-2-butene	110-57-6	~	mg/kg	-	-	0.005	U	0.005	U	0.0061	U	0.0045	U	0.0061	U	0.0069	U
Trichloroethene	79-01-6	0.47	mg/kg	-	-	0.0005	U	0.0005	U	0.0016		0.00045	U	0.00061	U	0.00069	U
Trichlorofluoromethane	75-69-4	~	mg/kg	-	-	0.004	U	0.004	U	0.0049	U	0.0036	U	0.0049	U	0.0055	U
Vinyl acetate	108-05-4	~	mg/kg	-	-	0.01	U	0.01	U	0.012	U	0.009	U	0.012	U	0.014	U
Vinyl chloride	75-01-4	0.02	mg/kg	-	-	0.001	U	0.001	U	0.0012	U	0.0009	U	0.0012	U	0.0014	U
Xylenes, Total	1330-20-7	1.6	mg/kg	-	-	0.001	U	0.001	U	0.0013	J	0.00055	J	0.0012	U	0.0014	U

* Comparison is not performed on parameters with non-numeric criteria.
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted u

Table 4A
2022 RI Groundwater Analytical Results Summary
318 Nevins Street, Brooklyn, NY

Sample ID		Units	NYSDEC TOGS Standards and Guidance Values - GA	GW2-100722		DUP1-100722		Trip Blank		GW-1		GW-5		GW-4		Equipment Blank		Trip Blank		GW-7		GW-3		GCMW28		Trip Blank		GW-6		Trip Blank	
York ID				22J0400-01		22J0400-02		22J0400-03		22J0469-01		22J0469-02		22J0469-03		22J0469-04		22J0469-05		22J0532-01		22J0532-02		22J0532-03		22J0532-04		22J0585-01		22J0585-02	
Sampling Date				10/7/2022 12:30:00 PM		10/7/2022 11:00:00 AM		10/7/2022 2:00:00 PM		10/10/2022 8:30:00 AM		10/10/2022 12:35:00 PM		10/10/2022 10:50:00 AM		10/10/2022 1:20:00 PM		10/10/2022 1:40:00 PM		10/11/2022 9:00:00 AM		10/11/2022 10:15:00 AM		10/11/2022 11:45:00 AM		10/11/2022 2:25:00 PM		10/12/2022 8:00:00 AM		10/12/2022 1:20:00 PM	
Client Matrix				Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
Compound	CAS Number			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
VOA, 8260 LOW MASTER																															
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1,1-Trichloroethane	71-55-6	ug/L	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	ug/L	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1,2-Trichloroethane	79-00-5	ug/L	**1**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1-Dichloroethane	75-34-3	ug/L	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,1-Dichloroethylene	75-35-4	ug/L	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2,3-Trichlorobenzene	87-61-6	ug/L	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2,3-Trichloropropane	96-18-4	ug/L	**0.04**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2,4-Trichlorobenzene	120-82-1	ug/L	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2,4-Trimethylbenzene	95-63-6	ug/L	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	4.150	D	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dibromo-3-chloropropane	96-12-8	ug/L	**0.04**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dibromoethane	106-93-4	ug/L	**0.0006**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dichlorobenzene	95-50-1	ug/L	**3**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dichloroethane	107-06-2	ug/L	**0.6**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,2-Dichloropropane	78-87-5	ug/L	**1**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,3,5-Trimethylbenzene	108-67-8	ug/L	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1.400	JD	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,3-Dichlorobenzene	541-73-1	ug/L	**3**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,3-Dichloropropane	142-28-9	ug/L	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,4-Dichlorobenzene	106-46-7	ug/L	**3**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
1,4-Dioxane	123-91-1	ug/L	**~**	40	U	40	U	40	U	40	U	40	U	40	U	40	U	40	U	200	U	40	U	40	U	40	U	40	U	40	U
2-Butanone	78-93-3	ug/L	**50**	0.200	U	0.200	U	0.200	U	0.440	J	1.520		3.070		0.200	U	1.620		1	U	0.200	U	0.200	U	1.740		0.740		0.200	U
2-Hexanone	591-78-6	ug/L	**50**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.350	J	1	U	0.200	U	0.200	U	0.500		0.200	U	0.200	U
4-Methyl-2-pentanone	108-10-1	ug/L	**~**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Acetone	67-64-1	ug/L	**50**	1	U	1	U	1.030	J	1.130	J	2.100		4.410		1	U	3.390		5	U	2.020		1.360	J	2.440		1.460	J	1	U
Acrolein	107-02-8	ug/L	**~**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Acrylonitrile	107-13-1	ug/L	**~**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Benzene	71-43-2	ug/L	**1**	0.200	U	0.200	U	0.200	U	0.800		0.200	U	0.200	U	0.200	U	0.200	U	**2.450**	JD	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Bromochloromethane	74-97-5	ug/L	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Bromodichloromethane	75-27-4	ug/L	**50**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Bromoform	75-25-2	ug/L	**50**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Bromomethane	74-83-9	ug/L	**5**	0.200	U	3.780		0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Carbon disulfide	75-15-0	ug/L	**~**	0.200	J	0.280	J	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Carbon tetrachloride	56-23-5	ug/L	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Chlorobenzene	108-90-7	ug/L	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Chloroethane	75-00-3	ug/L	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Chloroform	67-66-3	ug/L	**7**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Chloromethane	74-87-3	ug/L	**5**	0.200	U	0.700		0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
cis-1,2-Dichloroethylene	156-59-2	ug/L	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	**12.600**		0.200	U	0.200	U	0.200	U
cis-1,3-Dichloropropylene	10061-01-5	ug/L	**0.4**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Cyclohexane	110-82-7	ug/L	**~**	0.200	U	0.200	U	0.200	U	2.180		0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Dibromochloromethane	124-48-1	ug/L	**50**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Dibromomethane	74-95-3	ug/L	**~**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Dichlorodifluoromethane	75-71-8	ug/L	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Ethyl Benzene	100-41-4	ug/L	**5**	0.200	U	0.200	U	0.200	U	0.400	J	0.200	U	0.200	U	0.200	U	0.200	U	1.100	JD	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Hexachlorobutadiene	87-68-3	ug/L	**0.5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Isopropylbenzene	98-82-8	ug/L	**5**	0.200	U	0.200	U	0.200	U	2.290		0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Methyl acetate	79-20-9	ug/L	**~**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Methyl tert-butyl ether (MTBE)	1634-04-4	ug/L	**10**	**11.600**		0.200	U	0.200	U	0.200	U	0.780		0.210	J	0.200	U	0.200	U	**35.600**	D	0.350	J	0.200	U	0.200	U	0.200	U	0.200	U
Methylcyclohexane	108-87-2	ug/L	**~**	0.200	U	0.200	U	0.200	U	3.900		0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Methylene chloride	75-09-2	ug/L	**5**	1	U	2.210		1	U	1	U	1	U	1	U	1.300	J	1	U	5	U	1.090	J	1	U	1	U	1	U	1	U
Naphthalene	91-20-3	ug/L	**10**	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	5	U	1	U	1	U	1	U	1	U	1	U
n-Butylbenzene	104-51-8	ug/L	**5**	0.200	U	0.200	U	0.200	U	0.290	J	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
n-Propylbenzene	103-65-1	ug/L	**5**	0.200	U	0.200	U	0.200	U	1.100		0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
o-Xylene	95-47-6	ug/L	**5**	0.200	U	0.200	U	0.200	U	0.300	J	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
p- & m- Xylenes	179601-23-1	ug/L	**~**	0.500	U	0.500	U	0.500	U	0.740	J	0.500	U	0.500	U	0.500	U	0.500	U	2.500	U	0.500	U	0.500	U	0.500	U	0.500	U	0.500	U
p-Diethylbenzene	105-05-5	ug/L	**~**	0.200	U	0.200	U	0.200	U	0.340	J	0.200	U	0.200	U	0.200	U	0.200	U	2.450	JD	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
p-Ethyltoluene	622-96-8	ug/L	**~**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
p-Isopropyltoluene	99-87-6	ug/L	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
sec-Butylbenzene	135-98-8	ug/L	**5**	0.200	U	0.200	U	0.200	U	1.260		0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Styrene	100-42-5	ug/L	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
tert-Butyl alcohol (TBA)	75-65-0	ug/L	**~**	1,370	D	0.500	U	0.500	U	3.900		4.960		3.820		0.500	U	1.400		105	D	0.500	U	0.500	U	1.580		0.500	U	0.500	U
tert-Butylbenzene	98-06-6	ug/L	**5**	0.200	U	0.200	U	0.200	U	2		0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Tetrachloroethylene	127-18-4	ug/L	**5**	0.200	U	0.200	U	0.200	U	0.640		0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.710		0.200	U	0.200	U	0.200	U
Toluene	108-88-3	ug/L	**5**	0.200	U	0.200	U	0.200	U	0.280	J	0.200	U	0.200	U	0.200	U	0.200	U	4.850	D	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
trans-1,2-Dichloroethylene	156-60-5	ug/L	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.280	J	0.200	U	0.200	U	0.200	U
trans-1,3-Dichloropropylene	10061-02-6	ug/L	**0.4**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Trichloroethylene	79-01-6	ug/L	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	2.040		0.200	U	0.200	U	0.200	U
Trichlorofluoromethane	75-69-4	ug/L	**5**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U
Vinyl Chloride	75-01-4	ug/L	**2**	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	0.200	U	1	U	0.200	U	0.710		0.200	U	0.200	U	0.200	U
Xylenes, Total	1330-20-7	ug/L	**5**	0.600	U	0.600	U	0.600	U	1.040	J	0.600	U	0.600	U	0.600	U	0.600	U	3	U	0.600	U	0.600	U	0.600	U	0.600	U	0.600	U
Volatile Organics, Tentatively Identified Cmpds.																															
DICHLOROFLUOROETHANE isomer...	NA	ug/L	**~**	NT		NT		NT		2.500	J	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
diethylBenzene isomer rt.11... (01)	NA	ug/L	**~**	NT		NT		NT		7.900	J	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
diethylBenzene isomer rt.11... (02)	NA	ug/L	**~**	NT		NT		NT		7.500	J	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Dihydrodimethylindene isome...	NA	ug/L	**~**	NT		NT		NT		2.400	J	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
dimethylCyclohexane isomer ... (01)	NA	ug/L	**~**	NT		NT		NT		3.900	J	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
dimethylCyclohexane isomer ... (02)	NA	ug/L	**~**	NT		NT		NT		5.400	J	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
isopropyltoluene isomer rt....	NA	ug/L	**~**	NT		NT		NT		3.800	J	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Methylbutenylbenzene isomer... (01)	NA	ug/L	**~**	NT		NT		NT		3.900	J	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Methylbutenylbenzene isomer... (02)	NA	ug/L	**~**	NT		NT		NT		2.400	J	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Methylbutenylbenzene isomer... (03)	NA	ug/L	**~**	NT		NT		NT		2.700	J	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Methylcycolpentane isomer r...	NA	ug/L	**~**	NT		NT		NT		2.800	J	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Nonane isomer rt.9.611	NA	ug/L	**~**	NT		NT		NT		2.800	J	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Tentatively Identified Compounds		ug/L	**~**	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U	0	U
Semi-Volatiles, 1,4-Dioxane 8270 SIM-Aqueous																															
1,4-Dioxane	123-91-1	ug/L	**~**	0.448		0.448		NT		0.528		0.300	U	0.300	U	0.300	U	NT		0.300	U	0.704		0.448		NT		0.300	U	NT	
Semi-Volatiles, Tentatively Identified Cmpds.																															
Dilution Factor		ug/L		1		1				1		1		1		1				1		1		1				1			
Tentatively Identified Compounds		ug/L	**~**	NT		0	U	NT		NT		0	U	0	U	0	U	NT		0	U	0	U	0	U	NT		0	U	NT	
Unknown Hydrocarbon RT 5.0	NA	ug/L	**~**	15.700	J	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Unknown RT 6.6	NA	ug/L	**~**	NT		NT		NT		23.200	J	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	
Unknown RT 7.9	NA	ug/L	**~**	NT		NT		NT		24.500	J	NT		NT		NT		NT		NT		NT		NT		NT		NT		NT	

Table 4A
2022 RI Groundwater Analytical Results Summary
318 Nevins Street, Brooklyn, NY

Sample ID		Units	NYSDEC TOGS Standards and Guidance Values - GA	GW2-100722		DUP1-100722		Trip Blank		GW-1		GW-5		GW-4		Equipment Blank		Trip Blank		GW-7		GW-3		GCMW28		Trip Blank		GW-6		Trip Blank	
York ID				22J0400-01		22J0400-02		22J0400-03		22J0469-01		22J0469-02		22J0469-03		22J0469-04		22J0469-05		22J0532-01		22J0532-02		22J0532-03		22J0532-04		22J0585-01		22J0585-02	
Sampling Date				10/7/2022 12:30:00 PM		10/7/2022 11:00:00 AM		10/7/2022 2:00:00 PM		10/10/2022 8:30:00 AM		10/10/2022 12:35:00 PM		10/10/2022 10:50:00 AM		10/10/2022 1:20:00 PM		10/10/2022 1:40:00 PM		10/11/2022 9:00:00 AM		10/11/2022 10:15:00 AM		10/11/2022 11:45:00 AM		10/11/2022 2:25:00 PM		10/12/2022 8:00:00 AM		10/12/2022 1:20:00 PM	
Client Matrix				Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
Compound	CAS Number			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
SVOA, 8270 LOW MASTER																															
1,1-Biphenyl	92-52-4	ug/L	~	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	~	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
1,2,4-Trichlorobenzene	120-82-1	ug/L	5	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
1,2-Dichlorobenzene	95-50-1	ug/L	3	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	ug/L	~	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
1,3-Dichlorobenzene	541-73-1	ug/L	3	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
1,4-Dichlorobenzene	106-46-7	ug/L	3	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
2,3,4,6-Tetrachlorophenol	58-90-2	ug/L	~	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
2,4,5-Trichlorophenol	95-95-4	ug/L	1	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
2,4,6-Trichlorophenol	88-06-2	ug/L	1	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
2,4-Dichlorophenol	120-83-2	ug/L	5	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
2,4-Dimethylphenol	105-67-9	ug/L	50	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
2,4-Dinitrophenol	51-28-5	ug/L	10	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
2,4-Dinitrotoluene	121-14-2	ug/L	5	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
2,6-Dinitrotoluene	606-20-2	ug/L	5	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
2-Chloronaphthalene	91-58-7	ug/L	10	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
2-Chlorophenol	95-57-8	ug/L	1	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
2-Methylnaphthalene	91-57-6	ug/L	~	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
2-Methylphenol	95-48-7	ug/L	1	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
2-Nitroaniline	88-74-4	ug/L	5	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
2-Nitrophenol	88-75-5	ug/L	1	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
3- & 4-Methylphenols	65794-96-9	ug/L	1	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
3,3-Dichlorobenzidine	91-94-1	ug/L	5	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
3-Nitroaniline	99-09-2	ug/L	5	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	~	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
4-Bromophenyl phenyl ether	101-55-3	ug/L	~	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
4-Chloro-3-methylphenol	59-50-7	ug/L	1	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
4-Chloroaniline	106-47-8	ug/L	5	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	~	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
4-Nitroaniline	100-01-6	ug/L	5	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
4-Nitrophenol	100-02-7	ug/L	1	5	U	5.130	U	NT		5.560	U	5.710	U	5.130	U	5.260	U	NT		5.560	U	5.560	U	5.560	U	NT		5.130	U	NT	
Acetophenone	98-86-2	ug/L	~	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
Alpha Terpineol	98-55-5	ug/L	~	5	U	5.130	U	NT		5.560	U	5.710	U	5.130	U	5.260	U	NT		5.560	U	5.560	U	5.560	U	NT		5.130	U	NT	
Aniline	62-53-3	ug/L	5	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
Benzaldehyde	100-52-7	ug/L	~	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
Benzidine	92-87-5	ug/L	~	5	U	5.130	U	NT		5.560	U	5.710	U	5.130	U	5.260	U	NT		5.560	U	5.560	U	5.560	U	NT		5.130	U	NT	
Benzoic acid	65-85-0	ug/L	~	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
Benzyl alcohol	100-51-6	ug/L	~	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
Benzyl butyl phthalate	85-68-7	ug/L	50	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
Bis(2-chloroethoxy)methane	111-91-1	ug/L	5	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
Bis(2-chloroethyl)ether	111-44-4	ug/L	1	1	U	1.030	U	NT		1.110	U	1.140	U	1.030	U	1.050	U	NT		1.110	U	1.110	U	1.110	U	NT		1.030	U	NT	
Bis(2-chloroisopropyl)ether	108-60-1	ug/L	5	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
Caprolactam	105-60-2	ug/L	~	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
Carbazole	86-74-8	ug/L	~	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
Dibenzofuran	132-64-9	ug/L	~	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
Diethyl phthalate	84-66-2	ug/L	50	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
Dimethyl phthalate	131-11-3	ug/L	50	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
Di-n-butyl phthalate	84-74-2	ug/L	50	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
Di-n-octyl phthalate	117-84-0	ug/L	50	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
Hexachlorocyclopentadiene	77-47-4	ug/L	5	5	U	5.130	U	NT		5.560	U	5.710	U	5.130	U	5.260	U	NT		5.560	U	5.560	U	5.560	U	NT		5.130	U	NT	
Isophorone	78-59-1	ug/L	50	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
N-nitroso-di-n-propylamine	621-64-7	ug/L	~	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
N-Nitrosodiphenylamine	86-30-6	ug/L	50	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
Phenol	108-95-2	ug/L	1	2.500	U	2.560	U	NT		2.780	U	2.860	U	2.560	U	2.630	U	NT		2.780	U	2.780	U	2.780	U	NT		2.560	U	NT	
SVOA, 8270 SIM MASTER																															
Acenaphthene	83-32-9	ug/L	20	0.0500	U	0.0513	U	NT		0.0556	U	0.0571	U	0.0718		0.0526	U	NT		0.178		0.189		0.0556	U	NT		0.0513	U	NT	
Acenaphthylene	208-96-8	ug/L	~	0.0500	U	0.0513	U	NT		0.0556		0.0571	U	0.0513	U	0.0526	U	NT		0.189		0.0556	U	0.0556	U	NT		0.0513	U	NT	
Anthracene	120-12-7	ug/L	50	0.0500	U	0.0513	U	NT		0.0778		0.0571	U	0.0513	U	0.0526	U	NT		0.256		0.256		0.0556	U	NT		0.0513	U	NT	
Atrazine	1912-24-9	ug/L	~	0.500	U	0.513	U	NT		0.556	U	0.571	U	0.513	U	0.526	U	NT		0.556	U	0.556	U	0.556	U	NT		0.513	U	NT	
Benzo(a)anthracene	56-55-3	ug/L	0.002	0.0500	U	0.0513	U	NT		0.0556	U	0.0571	U	0.0513	U	0.0526	U	NT		**0.789**		**0.256**		**0.178**		NT		0.0513	U	NT	
Benzo(a)pyrene	50-32-8	ug/L	0.002	0.0500	U	0.0513	U	NT		0.0556	U	0.0571	U	0.0513	U	0.0526	U	NT		**1.090**		**0.322**		**0.289**		NT		0.0513	U	NT	
Benzo(b)fluoranthene	205-99-2	ug/L	0.002	0.0500	U	0.0513	U	NT		0.0556	U	0.0571	U	0.0513	U	0.0526	U	NT		**0.756**		**0.211**		**0.200**		NT		0.0513	U	NT	
Benzo(g,h,i)perylene	191-24-2	ug/L	~	0.0500	U	0.0513	U	NT		0.0556	U	0.0571	U	0.0513	U	0.0526	U	NT		0.322		0.111		0.111		NT		0.0513	U	NT	
Benzo(k)fluoranthene	207-08-9	ug/L	0.002	0.0500	U	0.0513	U	NT		0.0556	U	0.0571	U	0.0513	U	0.0526	U	NT		**0.833**		**0.256**		**0.211**		NT		0.0513	U	NT	
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	5	0.500	U	0.903		NT		1.810	B	1.270	B	0.944	B	0.663	B	NT		1.120		0.789		1.180		NT		0.513	U	NT	
Chrysene	218-01-9	ug/L	0.002	0.0500	U	0.0513	U	NT		0.0556	U	0.0571	U	0.0513	U	0.0526	U	NT		**0.789**		**0.256**		**0.178**		NT		0.0513	U	NT	
Dibenzo(a,h)anthracene	53-70-3	ug/L	~	0.0500	U	0.0513	U	NT		0.0556	U	0.0571	U	0.0513	U	0.0526	U	NT		0.167		0.0667		0.0556		NT		0.0513	U	NT	
Fluoranthene	206-44-0	ug/L	50	0.0500	U	0.0513	U	NT		0.144		0.0571	U	0.0513	U	0.0526	U	NT		1.740		0.811		0.300		NT		0.0513	U	NT	
Fluorene	86-73-7	ug/L	50	0.0500	U	0.0513	U	NT		0.0556	U	0.251		0.0513	U	0.211		NT		0.144		0.167		0.244		NT		0.0513	U	NT	
Hexachlorobenzene	118-74-1	ug/L	0.04	0.0200	U	0.0205	U	NT		0.0222	U	0.0229	U	0.0205	U	0.0211	U	NT		0.0222	U	0.0222	U	0.0222	U	NT		0.0205	U	NT	
Hexachlorobutadiene	87-68-3	ug/L	0.5	0.500	U	0.513	U	NT		0.556	U	0.571	U	0.513	U	0.526	U	NT		0.556	U	0.556	U	0.556	U	NT		0.513	U	NT	
Hexachloroethane	67-72-1	ug/L	5	0.500	U	0.513	U	NT		0.556	U	0.571	U	0.513	U	0.526	U	NT		0.556	U	0.556	U	0.556	U	NT		0.513	U	NT	
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	0.002	0.0500	U	0.0513	U	NT		0.0556	U	0.0571	U	0.0513	U	0.0526	U	NT		**0.333**		**0.111**		**0.111**		NT		0.0513	U	NT	
Naphthalene	91-20-3	ug/L	10	0.0500	U	0.0513	U	NT		0.156		0.0571	U	0.103		0.0526	U	NT		0.211		0.0889		0.0556	U	NT		0.0513	U	NT	
Nitrobenzene	98-95-3	ug/L	0.4	0.250	U	0.256	U	NT		0.278	U	0.286	U	0.256	U	0.263	U	NT		0.278	U	0.278	U	0.278	U	NT		0.256	U	NT	
N-Nitrosodimethylamine	62-75-9	ug/L	~	0.500	U	0.513	U	NT		0.556	U	0.571	U	0.513	U	0.526	U	NT		0.556	U	0.556	U	0.556	U	NT		0.513	U	NT	
Pentachlorophenol	87-86-5	ug/L	1	0.250	U	0.256	U	NT		0.278	U	0.286	U	0.256	U	0.263	U	NT		0.278	U	0.278	U	0.278	U	NT		0.256	U	NT	
Phenanthrene	85-01-8	ug/L	50	0.0500	U	0.0513	U	NT		0.0556	U	0.0571	U	0.0513		0.0526	U	NT		0.800		0.633		0.0667		NT		0.0513	U	NT	
Pyrene	129-00-0	ug/L	50	0.0500	U	0.0513	U	NT		0.111		0.0571	U	0.0513	U	0.0526	U	NT		1.300		0.611		0.267		NT		0.0513	U	NT	
Metals, Target Analyte, ICP																															
Aluminum	7429-90-5	ug/L	~	259	B	416	B	NT		200		421		188		70.200		NT		2,030		208		89.500		NT		173		NT	
Barium	7440-39-3	ug/L	1000	215		214		NT		163		176		172		27.800	U	NT		246		412		75		NT		112		NT	
Calcium	7440-70-2	ug/L	~	284,000		277,000		NT		317,000		644,000		473,000		55.600	U	NT		241,000		207,000		65,800		NT		181,000		NT	
Chromium	7440-47-3	ug/L	50	5.560	U	5.560	U	NT		5.560	U	11.300		16.300		5.560	U	NT		12.200		5.560	U	5.560	U	NT		23.300		NT	
Cobalt	7440-48-4	ug/L	~	4.440	U	4.440	U	NT		4.440	U	10.400		4.440	U	4.440	U	NT		4.440	U	4.440	U	4.440	U	NT		4.440	U	NT	
Copper	7440-50-8	ug/L	200	22.200	U	22.200	U	NT		22.200	U	31.400		22.200		22.200	U	NT		**445**		22.200	U	22.200	U	NT		22.200	U	NT	
Iron	7439-89-6	ug/L	~	1,960		1,920		NT		12,500		30,900		9,710		278	U	NT		5,570		18,200		5,300		NT		8,960		NT	
Lead	7439-92-1	ug/L	25	8.100		9.030		NT		5.560	U	6.790		5.560	U	5.560	U	NT		**169**		16.300		5.560	U	NT		5.560	U	NT	
Magnesium	7439-95-4	ug/L	35000	**54,900**		**53,200**		NT		**41,800**		**160,000**		**151,000**		55.600	U	NT		**56,800**		29,500		17,800		NT		24,200		NT	
Manganese	7439-96-5	ug/L	300	**1,540**		**1,450**		NT		**466**		**2,190**		**1,500**		5.560	U	NT		**1,090**		**1,270**		**1,080**		NT		**988**		NT	
Nickel	7440-02-0	ug/L	100	11.100	U	11.100	U	NT		11.100	U	35.200		11.400		11.100	U	NT		11.100	U	11.100	U	11.100	U	NT		11.100	U	NT	
Potassium	7440-09-7	ug/L	~	52,100		53,100		NT		40,300		70,200		58,700		75.500		NT		54,000		37,700		17,000		NT		33,100		NT	
Silver	7440-22-4	ug/L	50	5.560	U	5.560	U	NT		5.560	U	6.480		5.930		5.560	U	NT		5.560	U	5.560	U	5.560	U	NT		5.560	U	NT	
Sodium	7440-23-5	ug/L	20000	**795,000**		**771,000**		NT		**329,000**		**475,000**		**348,000**		556	U	NT		**576,000**		**312,000**		**133,000**		NT		**283,000**		NT	
Vanadium	7440-62-2	ug/L	~	11.100	U	11.100	U	NT		11.100	U	11.100	U	11.100	U	11.100	U	NT		11.100	U	11.100	U	11.100	U	NT		11.100	U	NT	
Zinc	7440-66-6	ug/L	2000	35.400		27.800	U	NT		27.800	U	394		133		27.800	U	NT		164		41		112		NT		31.100		NT	

Table 4A
2022 RI Groundwater Analytical Results Summary
318 Nevins Street, Brooklyn, NY

Sample ID				GW2-100722		DUP1-100722		Trip Blank		GW-1		GW-5		GW-4		Equipment Blank		Trip Blank		GW-7		GW-3		GCMW28		Trip Blank		GW-6		Trip Blank	
York ID				22J0400-01		22J0400-02		22J0400-03		22J0469-01		22J0469-02		22J0469-03		22J0469-04		22J0469-05		22J0532-01		22J0532-02		22J0532-03		22J0532-04		22J0585-01		22J0585-02	
Sampling Date				10/7/2022 12:30:00 PM		10/7/2022 11:00:00 AM		10/7/2022 2:00:00 PM		10/10/2022 8:30:00 AM		10/10/2022 12:35:00 PM		10/10/2022 10:50:00 AM		10/10/2022 1:20:00 PM		10/10/2022 1:40:00 PM		10/11/2022 9:00:00 AM		10/11/2022 10:15:00 AM		10/11/2022 11:45:00 AM		10/11/2022 2:25:00 PM		10/12/2022 8:00:00 AM		10/12/2022 1:20:00 PM	
Client Matrix				Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
Compound	CAS Number	Units	NYSDEC TOGS Standards and Guidance Values - GA	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Metals, Target Analyte, ICP Dissolved																															
Aluminum	7429-90-5	ug/L	~	55.600	U	84.600	B	NT		200	B	421	B	188	B	70.200	B	NT		293	B	129	B	104	B	NT		93.500	B	NT	
Barium	7440-39-3	ug/L	**1000**	173		218		NT		163		176		172		27.800	U	NT		243		285		63.800		NT		47.200		NT	
Calcium	7440-70-2	ug/L	~	271,000	B	287,000	B	NT		317,000		644,000		473,000		55.600	U	NT		260,000		195,000		59,700		NT		160,000		NT	
Chromium	7440-47-3	ug/L	**50**	5.560	U	5.560	U	NT		5.560	U	11.300		16.300		5.560	U	NT		5.660		5.560	U	5.560	U	NT		5.560	U	NT	
Cobalt	7440-48-4	ug/L	~	4.440	U	4.440	U	NT		4.440	U	10.400		4.440	U	4.440	U	NT		4.440	U	4.440	U	4.440	U	NT		4.440	U	NT	
Copper	7440-50-8	ug/L	**200**	22.200	U	22.200	U	NT		22.200	U	31.400		22.200		22.200	U	NT		22.200	U	22.200	U	22.200	U	NT		22.200	U	NT	
Iron	7439-89-6	ug/L	~	278	U	1,930		NT		12,500		30,900		9,710		278	U	NT		278	U	278	U	278	U	NT		278	U	NT	
Lead	7439-92-1	ug/L	**25**	5.560	U	5.560	U	NT		5.560	U	6.790		5.560	U	5.560	U	NT		5.560	U	5.560	U	5.560	U	NT		5.560	U	NT	
Magnesium	7439-95-4	ug/L	**35000**	**52,800**		**57,100**		NT		**41,800**		**160,000**		**151,000**		55.600	U	NT		**64,700**		29,400		16,400		NT		22,700		NT	
Manganese	7439-96-5	ug/L	**300**	**1,450**		**1,560**		NT		**466**		**2,190**		**1,500**		5.560	U	NT		**1,050**		**1,190**		**967**		NT		**902**		NT	
Nickel	7440-02-0	ug/L	**100**	11.100	U	11.100	U	NT		11.100	U	35.200		11.400		11.100	U	NT		11.100	U	11.100	U	11.100	U	NT		11.100	U	NT	
Potassium	7440-09-7	ug/L	~	50,500		52,600		NT		40,300		70,200		58,700		75.500		NT		55,200		36,100		17,200		NT		34,700		NT	
Silver	7440-22-4	ug/L	**50**	5.560	U	5.560	U	NT		5.560	U	6.480		5.930		5.560	U	NT		5.560	U	5.560	U	5.560	U	NT		5.560	U	NT	
Sodium	7440-23-5	ug/L	**20000**	**753,000**		**793,000**		NT		**329,000**		**475,000**		**348,000**		556	U	NT		**554,000**		**290,000**		**126,000**		NT		**278,000**		NT	
Vanadium	7440-62-2	ug/L	~	11.100	U	11.100	U	NT		11.100	U	11.100	U	11.100	U	11.100	U	NT		11.100	U	11.100	U	11.100	U	NT		11.100	U	NT	
Zinc	7440-66-6	ug/L	**2000**	27.800	U	33.700		NT		27.800	U	394		133		27.800	U	NT		27.800	U	27.800	U	51.200		NT		27.800	U	NT	
Metals, Target Analyte, ICPMS																															
Antimony	7440-36-0	ug/L	**3**	1.110	U	1.110	U	NT		1.110	U	**4.710**		1.190		1.110	U	NT		1.110	U	1.110	U	1.110	U	NT		1.110	U	NT	
Arsenic	7440-38-2	ug/L	**25**	1.930		2.020		NT		18		5.220		16		1.110	U	NT		11.300		**321**		4.530		NT		3.240		NT	
Beryllium	7440-41-7	ug/L	**3**	0.333	U	0.333	U	NT		0.333	U	0.333	U	0.333	U	0.333	U	NT		0.333	U	0.333	U	0.333	U	NT		0.333	U	NT	
Cadmium	7440-43-9	ug/L	**5**	0.556	U	0.556	U	NT		0.556	U	0.556	U	0.556	U	0.556	U	NT		0.556	U	0.556	U	0.556	U	NT		0.556	U	NT	
Selenium	7782-49-2	ug/L	**10**	**30**		**28.300**		NT		5.780		**25.200**		7.340		1.110	U	NT		**20.400**		5.420		3.040		NT		3.320		NT	
Thallium	7440-28-0	ug/L	~	1.110	U	1.110	U	NT		1.110	U	1.110	U	1.110	U	1.110	U	NT		1.110	U	1.110	U	1.110	U	NT		1.110	U	NT	
Metals, Target Analyte, ICPMS Dissolved																															
Antimony	7440-36-0	ug/L	**3**	1.110	U	1.110	U	NT		1.110	U	**4.210**		1.110	U	1.110	U	NT		1.110	U	1.110	U	1.110	U	NT		1.110	U	NT	
Arsenic	7440-38-2	ug/L	**25**	1.600		1.970		NT		3.120		1.630		3.300		1.110	U	NT		7.380		**106**		1.270		NT		2.510		NT	
Beryllium	7440-41-7	ug/L	**3**	0.333	U	0.333	U	NT		0.333	U	0.333	U	0.333	U	0.333	U	NT		0.333	U	0.333	U	0.333	U	NT		0.333	U	NT	
Cadmium	7440-43-9	ug/L	**5**	0.556	U	0.556	U	NT		0.556	U	0.556	U	0.556	U	0.556	U	NT		0.556	U	0.556	U	0.556	U	NT		0.556	U	NT	
Selenium	7782-49-2	ug/L	**10**	**38.400**	B	**21.200**	B	NT		6.930	B	**20.500**	B	8.190	B	1.110	U	NT		**14.500**	B	6.080	B	2.360	B	NT		2.940	B	NT	
Thallium	7440-28-0	ug/L	~	1.110	U	1.110	U	NT		1.110	U	1.110	U	1.110	U	1.110	U	NT		1.110	U	1.110	U	1.110	U	NT		1.110	U	NT	
Mercury by 7470/7471																															
Mercury	7439-97-6	ug/L	**0.7**	0.200	U	0.200	U	NT		0.200	U	0.200	U	0.200	U	0.200	U	NT		0.300		0.200	U	0.200	U	NT		0.200	U	NT	
Mercury, Dissolved																															
Mercury	7439-97-6	ug/L	**0.7**	0.200	U	0.200	U	NT		0.200	U	0.200	U	0.200	U	0.200	U	NT		0.200	U	0.200	U	0.200	U	NT		0.200	U	NT	
Chromium, Hexavalent																															
Chromium, Hexavalent	18540-29-9	ug/L	**50**	10	U	10	U	NT		10	U	10	U	10	U	10	U	NT		10	U	10	U	10	U	NT		10	U	NT	
Chromium, Hexavalent-Dissolved		ug/L																													
Chromium, Hexavalent	18540-29-9	ug/L	**50**	10	U	10	U	NT		10	U	10	U	10	U	10	U	NT		10	U	10	U	10	U	NT		10	U	NT	
Cyanide, Total		ug/L																													
Cyanide, total	57-12-5	ug/L	**200**	30		35		NT		54		25		11		10	U	NT		36		48		10	U	NT		10	U	NT	
Cyanide, Total, Dissolved		ug/L																													
Cyanide, total	57-12-5	ug/L	**200**	31		38		NT		53		22		16		10	U	NT		24		50		10	U	NT		10	U	NT	
PEST, 8081 MASTER																															
4,4'-DDD	72-54-8	ug/L	**0.3**	0.00444	U	0.00410	U	NT		0.00410	U	0.00421	U	0.00400	U	0.00421	U	NT		0.00400	U	0.00552	U	0.00485	U	NT		0.00400	U	NT	
4,4'-DDE	72-55-9	ug/L	**0.2**	0.00444	U	0.00410	U	NT		0.00410	U	0.00421	U	0.00400	U	0.00421	U	NT		0.00400	U	0.00552	U	0.00485	U	NT		0.00400	U	NT	
4,4'-DDT	50-29-3	ug/L	**0.2**	0.00444	U	0.00410	U	NT		0.00410	U	0.00421	U	0.00400	U	0.00421	U	NT		0.00400	U	0.00552	U	0.00485	U	NT		0.00400	U	NT	
Aldrin	309-00-2	ug/L	~	0.00444	U	0.00410	U	NT		0.00410	U	0.00421	U	0.00400	U	0.00421	U	NT		0.00400	U	0.00552	U	0.00485	U	NT		0.00400	U	NT	
alpha-BHC	319-84-6	ug/L	**0.01**	0.00444	U	0.00410	U	NT		0.00410	U	0.00421	U	0.00400	U	0.00421	U	NT		0.00400	U	0.00552	U	0.00485	U	NT		0.00400	U	NT	
alpha-Chlordane	5103-71-9	ug/L	~	0.00444	U	0.00410	U	NT		0.00410	U	0.00421	U	0.00400	U	0.00421	U	NT		0.00400	U	0.00552	U	0.00485	U	NT		0.00400	U	NT	
beta-BHC	319-85-7	ug/L	**0.04**	0.00444	U	0.00410	U	NT		0.00410	U	0.00421	U	0.00400	U	0.00421	U	NT		0.00400	U	0.00552	U	0.00485	U	NT		0.00400	U	NT	
Chlordane, total (alpha, gamma)	57-74-9	ug/L	**0.05**	0.0111	U	0.0103	U	NT		0.0103	U	0.0105	U	0.0100	U	0.0105	U	NT		0.0100	U	0.0138	U	0.0121	U	NT		0.0100	U	NT	
delta-BHC	319-86-8	ug/L	**0.04**	0.00444	U	0.00410	U	NT		0.00410	U	0.00421	U	0.00400	U	0.00421	U	NT		0.00400	U	0.00552	U	0.00485	U	NT		0.00400	U	NT	
Dieldrin	60-57-1	ug/L	**0.004**	0.00222	U	0.00205	U	NT		0.00205	U	0.00211	U	0.00200	U	0.00211	U	NT		0.00200	U	0.00276	U	0.00242	U	NT		0.00200	U	NT	
Endosulfan I	959-98-8	ug/L	~	0.00444	U	0.00410	U	NT		0.00410	U	0.00421	U	0.00400	U	0.00421	U	NT		0.00400	U	0.00552	U	0.00485	U	NT		0.00400	U	NT	
Endosulfan II	33213-65-9	ug/L	~	0.00444	U	0.00410	U	NT		0.00410	U	0.00421	U	0.00400	U	0.00421	U	NT		0.00400	U	0.00552	U	0.00485	U	NT		0.00400	U	NT	
Endosulfan sulfate	1031-07-8	ug/L	~	0.00444	U	0.00410	U	NT		0.00410	U	0.00421	U	0.00400	U	0.00421	U	NT		0.00400	U	0.00552	U	0.00485	U	NT		0.00400	U	NT	
Endrin	72-20-8	ug/L	~	0.00444	U	0.00410	U	NT		0.00410	U	0.00421	U	0.00400	U	0.00421	U	NT		0.00400	U	0.00552	U	0.00485	U	NT		0.00400	U	NT	
Endrin aldehyde	7421-93-4	ug/L	**5**	0.0111	U	0.0103	U	NT		0.0103	U	0.0105	U	0.0100	U	0.0105	U	NT		0.0100	U	0.0138	U	0.0121	U	NT		0.0100	U	NT	
Endrin ketone	53494-70-5	ug/L	**5**	0.0111	U	0.0103	U	NT		0.0103	U	0.0105	U	0.0100	U	0.0105	U	NT		0.0100	U	0.0138	U	0.0121	U	NT		0.0100	U	NT	
gamma-BHC (Lindane)	58-89-9	ug/L	**0.05**	0.00444	U	0.00410	U	NT		0.00410	U	0.00421	U	0.00400	U	0.00421	U	NT		0.00400	U	0.00552	U	0.00485	U	NT		0.00400	U	NT	
gamma-Chlordane	5566-34-7	ug/L	~	0.0111	U	0.0103	U	NT		0.0103	U	0.0105	U	0.0100	U	0.0105	U	NT		0.0100	U	0.0138	U	0.0121	U	NT		0.0100	U	NT	
Heptachlor	76-44-8	ug/L	**0.04**	0.00444	U	0.00410	U	NT		0.00410	U	0.00421	U	0.00400	U	0.00421	U	NT		0.00400	U	0.00552	U	0.00485	U	NT		0.00400	U	NT	
Heptachlor epoxide	1024-57-3	ug/L	**0.03**	0.00444	U	0.00410	U	NT		0.00410	U	0.00421	U	0.00400	U	0.00421	U	NT		0.00400	U	0.00552	U	0.00485	U	NT		0.00400	U	NT	
Methoxychlor	72-43-5	ug/L	**35**	0.00444	U	0.00410	U	NT		0.00410	U	0.00421	U	0.00400	U	0.00421	U	NT		0.00400	U	0.00552	U	0.00485	U	NT		0.00400	U	NT	
Toxaphene	8001-35-2	ug/L	**0.06**	0.111	U	0.103	U	NT		0.103	U	0.105	U	0.100	U	0.105	U	NT		0.100	U	0.138	U	0.121	U	NT		0.100	U	NT	
PCB, 8082 MASTER																															
Aroclor 1016	12674-11-2	ug/L	~	0.0556	U	0.0513	U	NT		0.0513	U	0.0526	U	0.0500	U	0.0526	U	NT		0.0500	U	0.0690	U	0.0606	U	NT		0.0500	U	NT	
Aroclor 1221	11104-28-2	ug/L	~	0.0556	U	0.0513	U	NT		0.0513	U	0.0526	U	0.0500	U	0.0526	U	NT		0.0500	U	0.0690	U	0.0606	U	NT		0.0500	U	NT	
Aroclor 1232	11141-16-5	ug/L	~	0.0556	U	0.0513	U	NT		0.0513	U	0.0526	U	0.0500	U	0.0526	U	NT		0.0500	U	0.0690	U	0.0606	U	NT		0.0500	U	NT	
Aroclor 1242	53469-21-9	ug/L	~	0.0556	U	0.0513	U	NT		0.0513	U	0.0526	U	0.0500	U	0.0526	U	NT		0.0500	U	0.0690	U	0.0606	U	NT		0.0500	U	NT	
Aroclor 1248	12672-29-6	ug/L	~	0.0556	U	0.0513	U	NT		0.0513	U	0.0526	U	0.0500	U	0.0526	U	NT		0.0500	U	0.0690	U	0.0606	U	NT		0.0500	U	NT	
Aroclor 1254	11097-69-1	ug/L	~	0.0556	U	0.0513	U	NT		0.0513	U	0.0526	U	0.0500	U	0.0526	U	NT		0.0500	U	0.0690	U	0.0606	U	NT		0.0500	U	NT	
Aroclor 1260	11096-82-5	ug/L	~	0.0556	U	0.0513	U	NT		0.0513	U	0.0526	U	0.0500	U	0.0526	U	NT		0.0500	U	0.0690	U	0.0606	U	NT		0.0500	U	NT	
Total PCBs	1336-36-3	ug/L	**0.09**	0.0556	U	0.0513	U	NT		0.0513	U	0.0526	U	0.0500	U	0.0526	U	NT		0.0500	U	0.0690	U	0.0606	U	NT		0.0500	U	NT	
PFAS, NYSDEC Target List																															
1H,1H,2H,2H-Perfluorodecanesulfonic acid (8:2 FTS)	39108-34-4	ng/L	**100**	9.260	U	9.260	U	NT		1.760	U	1.790	U	1.850	U	2	U	NT		1.790	U	1.850	U	1.850	U	NT		9.620	U	NT	
1H,1H,2H,2H-Perfluorooctanesulfonic acid (6:2 FTS)	27619-97-2	ng/L	**100**	23.100	U	23.100	U	NT		22	U	4.460	U	4.630	U	5	U	NT		22.300	U	11		**186**	D	NT		24	U	NT	
N-EtFOSAA	2991-50-6	ng/L	**100**	9.260	U	9.260	U	NT		1.760	U	1.790	U	4.680		2	U	NT		1.790	U	1.850	U	1.850	U	NT		9.620	U	NT	
N-MeFOSAA	2355-31-9	ng/L	**100**	9.260	U	9.260	U	NT		1.760	U	1.790	U	1.850	U	2	U	NT		1.790	U	1.850	U	1.850	U	NT		9.620	U	NT	
Perfluoro-1-decanesulfonic acid (PFDS)	335-77-3	ng/L	**100**	9.260	U	9.260	U	NT		1.760	U	1.790	U	1.850	U	2	U	NT		1.790	U	1.850	U	1.850	U	NT		9.620	U	NT	
Perfluoro-1-heptanesulfonic acid (PFHpS)	375-92-8	ng/L	**100**	9.260	U	9.260	U	NT		13		1.790	U	1.850	U	2	U	NT		1.790	U	5.100		1.850	U	NT		9.620	U	NT	
Perfluoro-1-octanesulfonamide (FOSA)	754-91-6	ng/L	**100**	9.260	U	9.260	U	NT		1.760	U	1.790	U	1.850	U	2	U	NT		1.790	U	1.850	U	1.850	U	NT		9.620	U	NT	
Perfluorobutanesulfonic acid (PFBS)	375-73-5	ng/L	**100**	9.260	U	9.260	U	NT		22.300		5.030		8.010		2	U	NT		9		16.100		3.230		NT		10.400	D	NT	
Perfluorodecanoic acid (PFDA)	335-76-2	ng/L	**100**	9.260	U	9.260	U	NT		1.760	U	1.790	U	1.850	U	2	U	NT		1.790	U	1.850	U	1.850	U	NT		9.620	U	NT	
Perfluorododecanoic acid (PFDoA)	307-55-1	ng/L	**100**	9.260	U	9.260	U	NT		1.760	U	1.790	U	1.850	U	2	U	NT		1.790	U	1.850	U	1.850	U	NT		9.620	U	NT	
Perfluoroheptanoic acid (PFHpA)	375-85-9	ng/L	**100**	11.100	D	13.400	D	NT		72.100		12.600		14.300		2	U	NT		16		12.200		9.460		NT		12.300	D	NT	
Perfluorohexanesulfonic acid (PFHxS)	355-46-4	ng/L	**100**	32.300	D	39	D	NT		**2,230**	D	9.560		35.100		2	U	NT		17.800		**272**	D	3.120		NT		9.620	U	NT	
Perfluorohexanoic acid (PFHxA)	307-24-4	ng/L	**100**	18.400	D	18.900	D	NT		**131**		28.600		30.500		2	U	NT		16.500		36		19		NT		24.600	D	NT	
Perfluoro-n-butanoic acid (PFBA)	375-22-4	ng/L	**100**	9.620	D	13.100	D	NT		32.800		23.900		14.700		2	U	NT		17.600		19.600		10.600		NT		18.200	D	NT	
Perfluorononanoic acid (PFNA)	375-95-1	ng/L	**100**	9.260	U	9.260	U	NT		5.150		1.790	U	1.850	U	2	U	NT		1.790	U	5.540		1.850	U	NT		9.620	U	NT	
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	ng/L	**10**	**31.500**	D	**10.500**	D	NT		**121**	D	1.960		6.080		2	U	NT		**28.500**		**178**	D	8.740		NT		**13.300**	D	NT	
Perfluorooctanoic acid (PFOA)	335-67-1	ng/L	**10**	**70**	D	**70.300**	D	NT		**362**	D	**50.900**		**45.900**		2	U	NT		**52.800**		**84.800**		**26.500**		NT		**63.500**	D	NT	
Perfluoropentanoic acid (PFPeA)	2706-90-3	ng/L	**100**	10.500	D	10.800	D	NT		5.080		26		25.200		2	U	NT		1.790	U	1.850	U	1.850	U	NT		11.400	D	NT	
Perfluorotetradecanoic acid (PFTA)	376-06-7	ng/L	**100**	9.260	U	9.260	U	NT		1.760	U	1.790	U	1.850	U	2	U	NT		1.790	U	1.850	U	1.850	U	NT		9.620	U	NT	

Table 4A
2022 RI Groundwater Analytical Results Summary
318 Nevins Street, Brooklyn, NY

Sample ID		Units	NYSDEC TOGS Standards and Guidance Values - GA	GW2-100722		DUP1-100722		Trip Blank		GW-1		GW-5		GW-4		Equipment Blank		Trip Blank		GW-7		GW-3		GCMW28		Trip Blank		GW-6		Trip Blank	
York ID				22J0400-01		22J0400-02		22J0400-03		22J0469-01		22J0469-02		22J0469-03		22J0469-04		22J0469-05		22J0532-01		22J0532-02		22J0532-03		22J0532-04		22J0585-01		22J0585-02	
Sampling Date				10/7/2022 12:30:00 PM		10/7/2022 11:00:00 AM		10/7/2022 2:00:00 PM		10/10/2022 8:30:00 AM		10/10/2022 12:35:00 PM		10/10/2022 10:50:00 AM		10/10/2022 1:20:00 PM		10/10/2022 1:40:00 PM		10/11/2022 9:00:00 AM		10/11/2022 10:15:00 AM		10/11/2022 11:45:00 AM		10/11/2022 2:25:00 PM		10/12/2022 8:00:00 AM		10/12/2022 1:20:00 PM	
Client Matrix				Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water		Water	
Compound	CAS Number			Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
Perfluorotridecanoic acid (PFTrDA)	72629-94-8	ng/L	**100**	9.260	U	9.260	U	NT		1.760	U	1.790	U	1.850	U	2	U	NT		1.790	U	1.850	U	1.850	U	NT		9.620	U	NT	
Perfluoroundecanoic acid (PFUnA)	2058-94-8	ng/L	**100**	9.260	U	9.260	U	NT		1.760	U	1.790	U	1.850	U	2	U	NT		1.790	U	1.850	U	1.850	U	NT		9.620	U	NT	

NOTES:
Any Regulatory Exceedences are color coded by Regulation

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
B=analyte found in the analysis batch blank
E=result is estimated and cannot be accurately reported due to levels encountered or interferences
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 4B
2022 Supplemental Remedial Investigation Groundwater Analytical Data
318 Nevins Street, Brooklyn, New York

LOCATION				NMAW-3A		NMAW-3A		NMAW-3B		NMAW-3B		NMAW-3C		NMAW-3C		TRIP BLANK		NMAW-2A		NMAW-2B		NMAW-2B		NMAW-2C	
SAMPLING DATE				5/10/2023		5/10/2023		5/10/2023		5/10/2023		5/10/2023		5/10/2023		5/11/2023		5/11/2023		5/11/2023		5/11/2023		5/11/2023	
LAB SAMPLE ID				L2325961-01		L2325961-01 R1		L2325961-02		L2325961-02 R1		L2325961-03		L2325961-03 R1		L2326269-01		L2326269-02		L2326269-03		L2326269-03 R1		L2326269-04	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																									
Cyanide, Total	57-12-5	**200**	ug/l	18		-	-	14		-	-	1	J	-	-	-	-	9		4	J	-	-	1	J
Semivolatile Organics by GC/MS																									
1,2,4,5-Tetrachlorobenzene	95-94-3	**5**	ug/l	10	U	-	-	10	U	-	-	10	U	-	-	-	-	10	U	10	U	-	-	10	U
1,2,4-Trichlorobenzene	120-82-1	**5**	ug/l	5	U	-	-	5	U	-	-	5	U	-	-	-	-	5	U	5	U	-	-	5	U
1,2-Dichlorobenzene	95-50-1	**3**	ug/l	2	U	-	-	2	U	-	-	2	U	-	-	-	-	2	U	2	U	-	-	2	U
1,3-Dichlorobenzene	541-73-1	**3**	ug/l	2	U	-	-	2	U	-	-	2	U	-	-	-	-	2	U	2	U	-	-	2	U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	2	U	-	-	2	U	-	-	2	U	-	-	-	-	2	U	2	U	-	-	2	U
2,4,5-Trichlorophenol	95-95-4		ug/l	5	U	-	-	5	U	-	-	5	U	-	-	-	-	5	U	5	U	-	-	5	U
2,4,6-Trichlorophenol	88-06-2		ug/l	5	U	-	-	5	U	-	-	5	U	-	-	-	-	5	U	5	U	-	-	5	U
2,4-Dichlorophenol	120-83-2	**1**	ug/l	5	U	-	-	5	U	-	-	5	U	-	-	-	-	5	U	5	U	-	-	5	U
2,4-Dimethylphenol	105-67-9	**50**	ug/l	5	U	-	-	5	U	-	-	5	U	-	-	-	-	5	U	5	U	-	-	5	U
2,4-Dinitrophenol	51-28-5	**10**	ug/l	20	U	-	-	20	U	-	-	20	U	-	-	-	-	20	U	20	U	-	-	20	U
2,4-Dinitrotoluene	121-14-2	**5**	ug/l	5	U	-	-	5	U	-	-	5	U	-	-	-	-	5	U	5	U	-	-	5	U
2,6-Dinitrotoluene	606-20-2	**5**	ug/l	5	U	-	-	5	U	-	-	5	U	-	-	-	-	5	U	5	U	-	-	5	U
2-Chlorophenol	95-57-8		ug/l	2	U	-	-	2	U	-	-	2	U	-	-	-	-	2	U	2	U	-	-	2	U
2-Methylphenol	95-48-7		ug/l	5	U	-	-	3.5	J	-	-	10		-	-	-	-	5	U	2.6	J	-	-	5	U
2-Nitroaniline	88-74-4	**5**	ug/l	5	U	-	-	5	U	-	-	5	U	-	-	-	-	5	U	5	U	-	-	5	U
2-Nitrophenol	88-75-5		ug/l	10	U	-	-	10	U	-	-	10	U	-	-	-	-	10	U	10	U	-	-	10	U
3,3'-Dichlorobenzidine	91-94-1	**5**	ug/l	5	U	-	-	5	U	-	-	5	U	-	-	-	-	5	U	5	U	-	-	5	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5		ug/l	0.66	J	-	-	12		-	-	1.2	J	-	-	-	-	5	U	20		-	-	1.6	J
3-Nitroaniline	99-09-2	**5**	ug/l	5	U	-	-	5	U	-	-	5	U	-	-	-	-	5	U	5	U	-	-	5	U
4,6-Dinitro-o-cresol	534-52-1		ug/l	10	U	-	-	10	U	-	-	10	U	-	-	-	-	10	U	10	U	-	-	10	U
4-Bromophenyl phenyl ether	101-55-3		ug/l	2	U	-	-	2	U	-	-	2	U	-	-	-	-	2	U	2	U	-	-	2	U
4-Chloroaniline	106-47-8	**5**	ug/l	5	U	-	-	5	U	-	-	5	U	-	-	-	-	5	U	5	U	-	-	5	U
4-Chlorophenyl phenyl ether	7005-72-3		ug/l	2	U	-	-	2	U	-	-	2	U	-	-	-	-	2	U	2	U	-	-	2	U
4-Nitroaniline	100-01-6	**5**	ug/l	5	U	-	-	5	U	-	-	5	U	-	-	-	-	5	U	5	U	-	-	5	U
4-Nitrophenol	100-02-7		ug/l	10	U	-	-	10	U	-	-	10	U	-	-	-	-	10	U	10	U	-	-	10	U
Acetophenone	98-86-2		ug/l	5	U	-	-	5	U	-	-	5	U	-	-	-	-	5	U	5	U	-	-	5	U
Benzoic Acid	65-85-0		ug/l	50	U	-	-	50	U	-	-	50	U	-	-	-	-	50	U	50	U	-	-	50	U
Benzyl Alcohol	100-51-6		ug/l	1	J	-	-	4.4		-	-	1.1	J	-	-	-	-	2	U	2	U	-	-	2	U
Biphenyl	92-52-4		ug/l	9.2		-	-	48		-	-	47		-	-	-	-	2	U	36		-	-	21	
Bis(2-chloroethoxy)methane	111-91-1	**5**	ug/l	5	U	-	-	5	U	-	-	5	U	-	-	-	-	5	U	5	U	-	-	5	U
Bis(2-chloroethyl)ether	111-44-4	**1**	ug/l	2	U	-	-	2	U	-	-	2	U	-	-	-	-	2	U	2	U	-	-	2	U
Bis(2-chloroisopropyl)ether	108-60-1	**5**	ug/l	2	U	-	-	2	U	-	-	2	U	-	-	-	-	2	U	2	U	-	-	2	U
Bis(2-ethylhexyl)phthalate	117-81-7	**5**	ug/l	3	U	-	-	3	U	-	-	3	U	-	-	-	-	3	U	3	U	-	-	3	U
Butyl benzyl phthalate	85-68-7	**50**	ug/l	5	U	-	-	5	U	-	-	5	U	-	-	-	-	5	U	5	U	-	-	5	U
Carbazole	86-74-8		ug/l	2		-	-	17		-	-	14		-	-	-	-	2	U	15		-	-	3.9	
Di-n-butylphthalate	84-74-2	**50**	ug/l	5	U	-	-	5	U	-	-	5	U	-	-	-	-	5	U	5	U	-	-	5	U
Di-n-octylphthalate	117-84-0	**50**	ug/l	5	U	-	-	5	U	-	-	5	U	-	-	-	-	5	U	5	U	-	-	5	U
Dibenzofuran	132-64-9		ug/l	2.2		-	-	8.7		-	-	8.5		-	-	-	-	2	U	8.8		-	-	4.4	
Diethyl phthalate	84-66-2	**50**	ug/l	5	U	-	-	5	U	-	-	5	U	-	-	-	-	5	U	5	U	-	-	5	U
Dimethyl phthalate	131-11-3	**50**	ug/l	5	U	-	-	5	U	-	-	5	U	-	-	-	-	5	U	5	U	-	-	5	U
Hexachlorocyclopentadiene	77-47-4	**5**	ug/l	20	U	-	-	20	U	-	-	20	U	-	-	-	-	20	U	20	U	-	-	20	U
Isophorone	78-59-1	**50**	ug/l	5	U	-	-	5	U	-	-	5	U	-	-	-	-	5	U	5	U	-	-	5	U
n-Nitrosodi-n-propylamine	621-64-7		ug/l	5	U	-	-	5	U	-	-	5	U	-	-	-	-	5	U	5	U	-	-	5	U
NDPA/DPA	86-30-6	**50**	ug/l	2	U	-	-	2	U	-	-	2	U	-	-	-	-	2	U	2	U	-	-	2	U
Nitrobenzene	98-95-3	**0.4**	ug/l	2	U	-	-	2	U	-	-	2	U	-	-	-	-	2	U	2	U	-	-	2	U
p-Chloro-m-cresol	59-50-7		ug/l	2	U	-	-	2	U	-	-	2	U	-	-	-	-	2	U	2	U	-	-	2	U
Phenol	108-95-2	**1**	ug/l	0.92	J	-	-	**12**		-	-	**6.7**		-	-	-	-	5	U	**7.7**		-	-	0.6	J
Semivolatile Organics by GC/MS-SIM																									
2-Chloronaphthalene	91-58-7	**10**	ug/l	0.2	U	-	-	0.4	U	-	-	0.4	U	-	-	-	-	0.2	U	0.2	U	-	-	0.2	U
2-Methylnaphthalene	91-57-6		ug/l	74	E	76		540	E	720		580	E	650		-	-	0.92		440	E	540		230	E
Acenaphthene	83-32-9	**20**	ug/l	14		-	-	**44**		-	-	**52**		-	-	-	-	1.6		**120**	E	**140**		**58**	
Acenaphthylene	208-96-8		ug/l	41		-	-	270	E	330		260	E	250		-	-	1.4		110	E	120		58	
Anthracene	120-12-7	**50**	ug/l	4.6		-	-	19		-	-	16		-	-	-	-	0.84		35		-	-	17	
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	**0.33**		-	-	**4.5**		-	-	**2**		-	-	-	-	**0.66**		**17**		-	-	**5**	
Benzo(a)pyrene	50-32-8	**0.002**	ug/l	**0.16**		-	-	**3.6**		-	-	**1.5**		-	-	-	-	**0.63**		**15**		-	-	**4.1**	
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	**0.12**		-	-	**2.3**		-	-	**0.94**		-	-	-	-	**0.71**		**11**		-	-	**2.9**	
Benzo(ghi)perylene	191-24-2		ug/l	0.08	J	-	-	1.4		-	-	0.65		-	-	-	-	0.41		6		-	-	1.5	
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	**0.06**	J	-	-	**0.89**		-	-	**0.41**		-	-	-	-	**0.27**		**3.5**		-	-	**0.91**	
Chrysene	218-01-9	**0.002**	ug/l	**0.3**		-	-	**4**		-	-	**1.7**		-	-	-	-	**0.66**		**15**		-	-	**4.2**	
Dibenzo(a,h)anthracene	53-70-3		ug/l	0.03	J	-	-	0.32		-	-	0.14	J	-	-	-	-	0.09	J	1.3		-	-	0.34	
Fluoranthene	206-44-0	**50**	ug/l	3.1		-	-	15		-	-	8.4		-	-	-	-	2.1		38		-	-	14	
Fluorene	86-73-7	**50**	ug/l	18		-	-	**71**		-	-	**68**		-	-	-	-	1.7		**72**		-	-	40	
Hexachlorobenzene	118-74-1	**0.04**	ug/l	0.8	U	-	-	1.6	U	-	-	1.6	U	-	-	-	-	0.8	U	0.8	U	-	-	0.8	U
Hexachlorobutadiene	87-68-3	**0.5**	ug/l	0.5	U	-	-	1	U	-	-	1	U	-	-	-	-	0.5	U	0.5	U	-	-	0.5	U
Hexachloroethane	67-72-1	**5**	ug/l	0.8	U	-	-	1.6	U	-	-	1.6	U	-	-	-	-	0.8	U	0.8	U	-	-	0.8	U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	**0.07**	J	-	-	**1.2**		-	-	**0.56**		-	-	-	-	**0.38**		**5.5**		-	-	**1.4**	
Naphthalene	91-20-3	**10**	ug/l	**62**		-	-	**1700**	E	**3200**		**1900**	E	**3000**		-	-	1.4	B	**460**	E	**540**		**450**	E
Pentachlorophenol	87-86-5	**1**	ug/l	0.12	J	-	-	1.6	U	-	-	1.6	U	-	-	-	-	0.8	U	0.8	U	-	-	0.8	U
Phenanthrene	85-01-8	**50**	ug/l	7.2		-	-	**93**		-	-	**77**		-	-	-	-	1.4		**130**	E	**140**		**67**	
Pyrene	129-00-0	**50**	ug/l	4.4		-	-	21		-	-	11		-	-	-	-	2.2		**53**		-	-	19	
Volatile Organics by GC/MS																									
1,1,1,2-Tetrachloroethane	630-20-6	**5**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	25	U
1,1,1-Trichloroethane	71-55-6	**5**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	25	U
1,1,2,2-Tetrachloroethane	79-34-5	**5**	ug/l	2.5	U	-	-	25	U	-	-	25	U	-	-	0.5	U	0.5	U	50	U	-	-	5	U
1,1,2-Trichloroethane	79-00-5	**1**	ug/l	7.5	U	-	-	75	U	-	-	75	U	-	-	1.5	U	1.5	U	150	U	-	-	15	U
1,1-Dichloroethane	75-34-3	**5**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	25	U
1,1-Dichloroethene	75-35-4	**5**	ug/l	2.5	U	-	-	25	U	-	-	25	U	-	-	0.5	U	0.5	U	50	U	-	-	5	U
1,1-Dichloropropene	563-58-6	**5**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	25	U
1,2,3-Trichlorobenzene	87-61-6	**5**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	25	U
1,2,3-Trichloropropane	96-18-4	**0.04**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	25	U
1,2,4,5-Tetramethylbenzene	95-93-2	**5**	ug/l	4.9	J	-	-	100	U	-	-	100	U	-	-	2	U	**18**		200	U	-	-	20	U
1,2,4-Trichlorobenzene	120-82-1	**5**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	25	U
1,2,4-Trimethylbenzene	95-63-6	**5**	ug/l	**30**		-	-	**200**		-	-	**190**		-	-	2.5	U	4		**150**	J	-	-	**44**	
1,2-Dibromo-3-chloropropane	96-12-8	**0.04**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	25	U
1,2-Dibromoethane	106-93-4	**0.0006**	ug/l	10	U	-	-	100	U	-	-	100	U	-	-	2	U	2	U	200	U	-	-	20	U
1,2-Dichlorobenzene	95-50-1	**3**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	25	U
1,2-Dichloroethane	107-06-2	**0.6**	ug/l	2.5	U	-	-	25	U	-	-	25	U	-	-	0.5	U	0.5	U	50	U	-	-	5	U
1,2-Dichloroethene, Total	540-59-0		ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	20	J
1,2-Dichloropropane	78-87-5	**1**	ug/l	5	U	-	-	50	U	-	-	50	U	-	-	1	U	1	U	100	U	-	-	10	U
1,3,5-Trimethylbenzene	108-67-8	**5**	ug/l	**8.4**	J	-	-	**53**	J	-	-	**56**	J	-	-	2.5	U	2.5	U	250	U	-	-	**12**	J
1,3-Dichlorobenzene	541-73-1	**3**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	25	U
1,3-Dichloropropane	142-28-9	**5**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	25	U
1,3-Dichloropropene, Total	542-75-6		ug/l	2.5	U	-	-	25	U	-	-	25	U	-	-	0.5	U	0.5	U	50	U	-	-	5	U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	25	U
1,4-Dioxane	123-91-1		ug/l	1200	U	-	-	12000	U	-	-	12000	U	-	-	250	U	250	U	25000	U	-	-	2500	U
2,2-Dichloropropane	594-20-7	**5**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	25	U
2-Butanone	78-93-3	**50**	ug/l	25	U	-	-	250	U	-	-	250	U	-	-	5	U	5	U	**1000**		-	-	50	U
2-Hexanone	591-78-6	**50**	ug/l	25	U	-	-	250	U	-	-	250	U	-	-	5	U	5	U	500	U	-	-	50	U
4-Methyl-2-pentanone	108-10-1		ug/l	25	U	-	-	250	U	-	-	250	U	-	-	5	U	5	U	500	U	-	-	50	U
Acetone	67-64-1	**50**	ug/l	25	U	-	-	250	U	-	-	250	U	-	-	5	U	5	U	**9600**		-	-	50	U
Acrylonitrile	107-13-1	**5**	ug/l	25	U	-	-	250	U	-	-	250	U	-	-	5	U	5	U	500	U	-	-	50	U
Benzene	71-43-2	**1**	ug/l	**5.8**		-	-	**1800**		-	-	**360**		-	-	0.5	U	0.17	J	**1000**		-	-	**51**	
Bromobenzene	108-86-1	**5**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	25	U
Bromochloromethane	74-97-5	**5**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	25	U
Bromodichloromethane	75-27-4	**50**	ug/l	2.5	U	-	-	25	U	-	-	25	U	-	-	0.5	U	0.5	U	50	U	-	-	5	U
Bromoform	75-25-2	**50**	ug/l	10	U	-	-	100	U	-	-	100	U	-	-	2	U	2	U	200	U	-	-	20	U
Bromomethane	74-83-9	**5**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	25	U
Carbon disulfide	75-15-0	**60**	ug/l	25	U	-	-	250	U	-	-	250	U	-	-	5	U	5	U	500	U	-	-	50	U
Carbon tetrachloride	56-23-5	**5**	ug/l	2.5	U	-	-	25	U	-	-	25	U	-	-	0.5	U	0.5	U	50	U	-	-	5	U
Chlorobenzene	108-90-7	**5**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	25	U
Chloroethane	75-00-3	**5**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	25	U
Chloroform	67-66-3	**7**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	25	U
Chloromethane	74-87-3		ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	25	U
cis-1,2-Dichloroethene	156-59-2	**5**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	**20**	J
cis-1,3-Dichloropropene	10061-01-5	**0.4**	ug/l	2.5	U	-	-	25	U	-	-	25	U	-	-	0.5	U	0.5	U	50	U	-	-	5	U
Dibromochloromethane	124-48-1	**50**	ug/l	2.5	U	-	-	25	U	-	-	25	U	-	-	0.5	U	0.5	U	50	U	-	-	5	U
Dibromomethane	74-95-3	**5**	ug/l	25	U	-	-	250	U	-	-	250	U	-	-	5	U	5	U	500	U	-	-	50	U
Dichlorodifluoromethane	75-71-8	**5**	ug/l	25	U	-	-	250	U	-	-	250	U	-	-	5	U	5	U	500	U	-	-	50	U
Ethyl ether	60-29-7		ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	25	U
Ethylbenzene	100-41-4	**5**	ug/l	**61**		-	-	**1200**		-	-	**900**		-	-	2.5	U	1.1	J	**840**		-	-	**150**	
Hexachlorobutadiene	87-68-3	**0.5**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	25	U
Isopropylbenzene	98-82-8	**5**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	4.2		250	U	-	-	25	U
Methyl tert butyl ether	1634-04-4	**10**	ug/l	**25**		-	-	**59**	J	-	-	120	U	-	-	2.5	U	1.3	J	250	U	-	-	25	U
Methylene chloride	75-09-2	**5**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	25	U
n-Butylbenzene	104-51-8	**5**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	1.4	J	250	U	-	-	25	U
n-Propylbenzene	103-65-1	**5**	ug/l	3.6	J	-	-	120	U	-	-	120	U	-	-	2.5	U	2.4	J	250	U	-	-	25	U
Naphthalene	91-20-3	**10**	ug/l	**870**		-	-	**8000**		-	-	**7000**		-	-	2.5	U	8.6		**5500**		-	-	**1600**	
o-Chlorotoluene	95-49-8	**5**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	25	U
o-Xylene	95-47-6	**5**	ug/l	**21**		-	-	**400**		-	-	**290**		-	-	2.5	U	2.5	U	**300**		-	-	**52**	
p-Chlorotoluene	106-43-4	**5**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	25	U
p-Diethylbenzene	105-05-5		ug/l	5.9	J	-	-	100	U	-	-	100	U	-	-	2	U	2.6		200	U	-	-	20	U
p-Ethyltoluene	622-96-8		ug/l	42		-	-	270		-	-	320		-	-	2	U	1.3	J	290		-	-	82	
p-Isopropyltoluene	99-87-6	**5**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2	J	250	U	-	-	25	U
p/m-Xylene	179601-23-1	**5**	ug/l	**46**		-	-	**740**		-	-	**580**		-	-	2.5	U	2.5	U	**560**		-	-	**100**	
sec-Butylbenzene	135-98-8	**5**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.1	J	250	U	-	-	25	U
Styrene	100-42-5	**5**	ug/l	12	U	-	-	**73**	J	-	-	**41**	J	-	-	2.5	U	2.5	U	250	U	-	-	**9.4**	J
tert-Butylbenzene	98-06-6	**5**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	25	U
Tetrachloroethene	127-18-4	**5**	ug/l	2.5	U	-	-	25	U	-	-	**21**	J	-	-	0.5	U	0.5	U	50	U	-	-	**46**	
Toluene	108-88-3	**5**	ug/l	**26**		-	-	**1800**		-	-	**890**		-	-	2.5	U	2.5	U	**960**		-	-	**84**	
trans-1,2-Dichloroethene	156-60-5	**5**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	25	U
trans-1,3-Dichloropropene	10061-02-6	**0.4**	ug/l	2.5	U	-	-	25	U	-	-	25	U	-	-	0.5	U	0.5	U	50	U	-	-	5	U
trans-1,4-Dichloro-2-butene	110-57-6	**5**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	25	U
Trichloroethene	79-01-6	**5**	ug/l	2.5	U	-	-	25	U	-	-	25	U	-	-	0.5	U	0.5	U	50	U	-	-	**12**	
Trichlorofluoromethane	75-69-4	**5**	ug/l	12	U	-	-	120	U	-	-	120	U	-	-	2.5	U	2.5	U	250	U	-	-	25	U
Vinyl acetate	108-05-4		ug/l	25	U	-	-	250	U	-	-	250	U	-	-	5	U	5	U	500	U	-	-	50	U
Vinyl chloride	75-01-4	**2**	ug/l	5	U	-	-	**6.8**	J	-	-	50	U	-	-	1	U	1	U	100	U	-	-	10	U
Xylenes, Total	1330-20-7		ug/l	67		-	-	1100		-	-	870		-	-	2.5	U	2.5	U	860		-	-	150	

BOLD + Highlighted = Exceedance of regulatory criteria
U = Not detected
J = Lab estimated value
ug/L = micrograms per liter
NY-AW = NYSDEC Class GA Ambient Water Quality Standards

Table 4B
2022 Supplemental Remedial Investigation Groundwater Analytical Data
318 Nevins Street, Brooklyn, New York

LOCATION				NMAW-2C		GW-17C		GW-17C		NMAW-4A		NMAW-4B		NMAW-4B		NMAW-4C		NMAW-4C		NMAW-5A		NMAW-5B		NMAW-5B	
SAMPLING DATE				5/11/2023		5/11/2023		5/11/2023		5/11/2023		5/11/2023		5/11/2023		5/11/2023		5/11/2023		5/11/2023		5/11/2023		5/11/2023	
LAB SAMPLE ID				L2326269-04 R1		L2326269-05		L2326269-05 R1		L2326269-06		L2326269-07		L2326269-07 R1		L2326269-08		L2326269-08 R1		L2326269-09		L2326269-10		L2326269-10 R1	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																									
Cyanide, Total	57-12-5	**200**	ug/l	-	-	7		-	-	15		5	U	-	-	32		-	-	17		9		-	-
Semivolatile Organics by GC/MS																									
1,2,4,5-Tetrachlorobenzene	95-94-3	**5**	ug/l	-	-	10	U	-	-	10	U	10	U	-	-	10	U	-	-	10	U	10	U	-	-
1,2,4-Trichlorobenzene	120-82-1	**5**	ug/l	-	-	5	U	-	-	5	U	5	U	-	-	5	U	-	-	5	U	5	U	-	-
1,2-Dichlorobenzene	95-50-1	**3**	ug/l	-	-	2	U	-	-	2	U	2	U	-	-	2	U	-	-	2	U	2	U	-	-
1,3-Dichlorobenzene	541-73-1	**3**	ug/l	-	-	2	U	-	-	2	U	2	U	-	-	2	U	-	-	2	U	2	U	-	-
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	-	-	2	U	-	-	2	U	2	U	-	-	2	U	-	-	2	U	2	U	-	-
2,4,5-Trichlorophenol	95-95-4		ug/l	-	-	5	U	-	-	5	U	5	U	-	-	5	U	-	-	5	U	5	U	-	-
2,4,6-Trichlorophenol	88-06-2		ug/l	-	-	5	U	-	-	5	U	5	U	-	-	5	U	-	-	5	U	5	U	-	-
2,4-Dichlorophenol	120-83-2	**1**	ug/l	-	-	5	U	-	-	5	U	5	U	-	-	5	U	-	-	5	U	5	U	-	-
2,4-Dimethylphenol	105-67-9	**50**	ug/l	-	-	5	U	-	-	5	U	5	U	-	-	5	U	-	-	5	U	5	U	-	-
2,4-Dinitrophenol	51-28-5	**10**	ug/l	-	-	20	U	-	-	20	U	20	U	-	-	20	U	-	-	20	U	20	U	-	-
2,4-Dinitrotoluene	121-14-2	**5**	ug/l	-	-	5	U	-	-	5	U	5	U	-	-	5	U	-	-	5	U	5	U	-	-
2,6-Dinitrotoluene	606-20-2	**5**	ug/l	-	-	5	U	-	-	5	U	5	U	-	-	5	U	-	-	5	U	5	U	-	-
2-Chlorophenol	95-57-8		ug/l	-	-	2	U	-	-	2	U	2	U	-	-	2	U	-	-	2	U	2	U	-	-
2-Methylphenol	95-48-7		ug/l	-	-	1.4	J	-	-	5	U	5	U	-	-	5	U	-	-	5	U	1.7	J	-	-
2-Nitroaniline	88-74-4	**5**	ug/l	-	-	5	U	-	-	5	U	5	U	-	-	5	U	-	-	5	U	5	U	-	-
2-Nitrophenol	88-75-5		ug/l	-	-	10	U	-	-	10	U	10	U	-	-	10	U	-	-	10	U	10	U	-	-
3,3'-Dichlorobenzidine	91-94-1	**5**	ug/l	-	-	5	U	-	-	5	U	5	U	-	-	5	U	-	-	5	U	5	U	-	-
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5		ug/l	-	-	30		-	-	5	U	2.7	J	-	-	5	U	-	-	5	U	28		-	-
3-Nitroaniline	99-09-2	**5**	ug/l	-	-	5	U	-	-	5	U	5	U	-	-	5	U	-	-	5	U	5	U	-	-
4,6-Dinitro-o-cresol	534-52-1		ug/l	-	-	10	U	-	-	10	U	10	U	-	-	10	U	-	-	10	U	10	U	-	-
4-Bromophenyl phenyl ether	101-55-3		ug/l	-	-	2	U	-	-	2	U	2	U	-	-	2	U	-	-	2	U	2	U	-	-
4-Chloroaniline	106-47-8	**5**	ug/l	-	-	5	U	-	-	5	U	5	U	-	-	5	U	-	-	5	U	5	U	-	-
4-Chlorophenyl phenyl ether	7005-72-3		ug/l	-	-	2	U	-	-	2	U	2	U	-	-	2	U	-	-	2	U	2	U	-	-
4-Nitroaniline	100-01-6	**5**	ug/l	-	-	5	U	-	-	5	U	5	U	-	-	5	U	-	-	5	U	5	U	-	-
4-Nitrophenol	100-02-7		ug/l	-	-	10	U	-	-	10	U	10	U	-	-	10	U	-	-	10	U	10	U	-	-
Acetophenone	98-86-2		ug/l	-	-	5	U	-	-	5	U	5	U	-	-	5	U	-	-	5	U	5	U	-	-
Benzoic Acid	65-85-0		ug/l	-	-	50	U	-	-	7.9	J	50	U	-	-	50	U	-	-	16	J	120		-	-
Benzyl Alcohol	100-51-6		ug/l	-	-	2	U	-	-	2	U	2	U	-	-	2	U	-	-	2	U	2	U	-	-
Biphenyl	92-52-4		ug/l	-	-	45		-	-	2	U	29		-	-	2	U	-	-	2	U	42		-	-
Bis(2-chloroethoxy)methane	111-91-1	**5**	ug/l	-	-	5	U	-	-	5	U	5	U	-	-	5	U	-	-	5	U	5	U	-	-
Bis(2-chloroethyl)ether	111-44-4	**1**	ug/l	-	-	2	U	-	-	2	U	2	U	-	-	2	U	-	-	2	U	2	U	-	-
Bis(2-chloroisopropyl)ether	108-60-1	**5**	ug/l	-	-	2	U	-	-	2	U	2	U	-	-	2	U	-	-	2	U	2	U	-	-
Bis(2-ethylhexyl)phthalate	117-81-7	**5**	ug/l	-	-	3	U	-	-	3	U	3	U	-	-	3	U	-	-	3	U	3	U	-	-
Butyl benzyl phthalate	85-68-7	**50**	ug/l	-	-	5	U	-	-	5	U	5	U	-	-	5	U	-	-	5	U	5	U	-	-
Carbazole	86-74-8		ug/l	-	-	12		-	-	2	U	5		-	-	2	U	-	-	2	U	14		-	-
Di-n-butylphthalate	84-74-2	**50**	ug/l	-	-	5	U	-	-	0.4	J	5	U	-	-	5	U	-	-	5	U	5	U	-	-
Di-n-octylphthalate	117-84-0	**50**	ug/l	-	-	5	U	-	-	5	U	5	U	-	-	5	U	-	-	5	U	5	U	-	-
Dibenzofuran	132-64-9		ug/l	-	-	9.9		-	-	2	U	7		-	-	2	U	-	-	2	U	8.6		-	-
Diethyl phthalate	84-66-2	**50**	ug/l	-	-	5	U	-	-	5	U	5	U	-	-	5	U	-	-	5	U	5	U	-	-
Dimethyl phthalate	131-11-3	**50**	ug/l	-	-	5	U	-	-	5	U	5	U	-	-	5	U	-	-	5	U	5	U	-	-
Hexachlorocyclopentadiene	77-47-4	**5**	ug/l	-	-	20	U	-	-	20	U	20	U	-	-	20	U	-	-	20	U	20	U	-	-
Isophorone	78-59-1	**50**	ug/l	-	-	5	U	-	-	5	U	5	U	-	-	5	U	-	-	5	U	5	U	-	-
n-Nitrosodi-n-propylamine	621-64-7		ug/l	-	-	5	U	-	-	5	U	5	U	-	-	5	U	-	-	5	U	5	U	-	-
NDPA/DPA	86-30-6	**50**	ug/l	-	-	2	U	-	-	2	U	2	U	-	-	2	U	-	-	2	U	2	U	-	-
Nitrobenzene	98-95-3	**0.4**	ug/l	-	-	2	U	-	-	2	U	2	U	-	-	2	U	-	-	2	U	2	U	-	-
p-Chloro-m-cresol	59-50-7		ug/l	-	-	2	U	-	-	2	U	2	U	-	-	2	U	-	-	2	U	2	U	-	-
Phenol	108-95-2	**1**	ug/l	-	-	**1.8**	J	-	-	5	U	**3.2**	J	-	-	5	U	-	-	**4.4**	J	**24**		-	-
Semivolatile Organics by GC/MS-SIM																									
2-Chloronaphthalene	91-58-7	**10**	ug/l	-	-	2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	0.2	U	0.2	U	2	U	-	-
2-Methylnaphthalene	91-57-6		ug/l	260		640		-	-	1.6		230	E	250		1.1		0.66		2		690		-	-
Acenaphthene	83-32-9	**20**	ug/l	-	-	**200**		-	-	0.55		**33**		-	-	0.34		0.4		1.6		**59**		-	-
Acenaphthylene	208-96-8		ug/l	-	-	130		-	-	1.1		140	E	150		0.73		0.73		1.2		300		-	-
Anthracene	120-12-7	**50**	ug/l	-	-	**72**		-	-	0.68		24		-	-	0.4		0.4		2.2		27		-	-
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	-	-	**41**		-	-	**0.59**		**7.4**		-	-	**0.19**		**0.12**		**2.6**		**6.4**		-	-
Benzo(a)pyrene	50-32-8	**0.002**	ug/l	-	-	**35**		-	-	**0.59**		**6.4**		-	-	**0.06**	J	**0.07**	J	**3.1**		**5.1**		-	-
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	-	-	**25**		-	-	**0.63**		**4.5**		-	-	**0.04**	J	**0.06**	J	**2.9**		**3.5**		-	-
Benzo(ghi)perylene	191-24-2		ug/l	-	-	14		-	-	0.36		2.5		-	-	0.1	U	0.03	J	1.9		2		-	-
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	-	-	**8.6**		-	-	**0.24**		**1.5**		-	-	**0.03**	J	**0.02**	J	**1.2**		**1.7**		-	-
Chrysene	218-01-9	**0.002**	ug/l	-	-	**37**		-	-	**0.54**		**6.5**		-	-	**0.09**	J	**0.11**		**2.4**		**6.1**		-	-
Dibenzo(a,h)anthracene	53-70-3		ug/l	-	-	3		-	-	0.08	J	0.55		-	-	0.1	U	0.1	U	0.45		1	U	-	-
Fluoranthene	206-44-0	**50**	ug/l	-	-	**91**		-	-	1.4		20		-	-	0.48		0.57		5.8		18		-	-
Fluorene	86-73-7	**50**	ug/l	-	-	**130**		-	-	1.1		**60**		-	-	0.64		0.6		1.9		**86**		-	-
Hexachlorobenzene	118-74-1	**0.04**	ug/l	-	-	8	U	-	-	0.8	U	0.8	U	-	-	0.8	U	0.8	U	0.8	U	8	U	-	-
Hexachlorobutadiene	87-68-3	**0.5**	ug/l	-	-	5	U	-	-	0.5	U	0.5	U	-	-	0.5	U	0.5	U	0.5	U	5	U	-	-
Hexachloroethane	67-72-1	**5**	ug/l	-	-	8	U	-	-	0.8	U	0.8	U	-	-	0.8	U	0.8	U	0.8	U	8	U	-	-
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	-	-	**12**		-	-	**0.35**		**2.2**		-	-	0.1	U	**0.03**	J	**2**		**1.8**		-	-
Naphthalene	91-20-3	**10**	ug/l	**520**		**4100**		**3300**	E	1.8		**420**	E	**490**		1.6	B	0.41	B	2.8		**3700**	E	**4300**	
Pentachlorophenol	87-86-5	**1**	ug/l	-	-	8	U	-	-	0.8	U	0.8	U	-	-	0.8	U	0.8	U	0.8	U	8	U	-	-
Phenanthrene	85-01-8	**50**	ug/l	-	-	**290**		-	-	2.8		**98**	E	**100**		1.2		0.42		8.5		**110**		-	-
Pyrene	129-00-0	**50**	ug/l	-	-	**130**		-	-	1.5		28		-	-	0.66		0.74		5.8		24		-	-
Volatile Organics by GC/MS																									
1,1,1,2-Tetrachloroethane	630-20-6	**5**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
1,1,1-Trichloroethane	71-55-6	**5**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
1,1,2,2-Tetrachloroethane	79-34-5	**5**	ug/l	-	-	25	U	-	-	0.5	U	10	U	-	-	0.5	U	-	-	2	U	25	U	-	-
1,1,2-Trichloroethane	79-00-5	**1**	ug/l	-	-	75	U	-	-	1.5	U	30	U	-	-	1.5	U	-	-	6	U	75	U	-	-
1,1-Dichloroethane	75-34-3	**5**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
1,1-Dichloroethene	75-35-4	**5**	ug/l	-	-	25	U	-	-	0.5	U	10	U	-	-	0.5	U	-	-	2	U	25	U	-	-
1,1-Dichloropropene	563-58-6	**5**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
1,2,3-Trichlorobenzene	87-61-6	**5**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
1,2,3-Trichloropropane	96-18-4	**0.04**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
1,2,4,5-Tetramethylbenzene	95-93-2	**5**	ug/l	-	-	100	U	-	-	2	U	40	U	-	-	2	U	-	-	8	U	100	U	-	-
1,2,4-Trichlorobenzene	120-82-1	**5**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
1,2,4-Trimethylbenzene	95-63-6	**5**	ug/l	-	-	**130**		-	-	2.5	U	**70**		-	-	2.5	U	-	-	10	U	**180**		-	-
1,2-Dibromo-3-chloropropane	96-12-8	**0.04**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
1,2-Dibromoethane	106-93-4	**0.0006**	ug/l	-	-	100	U	-	-	2	U	40	U	-	-	2	U	-	-	8	U	100	U	-	-
1,2-Dichlorobenzene	95-50-1	**3**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
1,2-Dichloroethane	107-06-2	**0.6**	ug/l	-	-	25	U	-	-	0.5	U	10	U	-	-	0.5	U	-	-	2	U	25	U	-	-
1,2-Dichloroethene, Total	540-59-0		ug/l	-	-	120	U	-	-	2.5	U	22	J	-	-	6.7		-	-	10	U	120	U	-	-
1,2-Dichloropropane	78-87-5	**1**	ug/l	-	-	50	U	-	-	1	U	20	U	-	-	1	U	-	-	4	U	50	U	-	-
1,3,5-Trimethylbenzene	108-67-8	**5**	ug/l	-	-	120	U	-	-	2.5	U	**21**	J	-	-	2.5	U	-	-	10	U	**51**	J	-	-
1,3-Dichlorobenzene	541-73-1	**3**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
1,3-Dichloropropane	142-28-9	**5**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
1,3-Dichloropropene, Total	542-75-6		ug/l	-	-	25	U	-	-	0.5	U	10	U	-	-	0.5	U	-	-	2	U	25	U	-	-
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
1,4-Dioxane	123-91-1		ug/l	-	-	12000	U	-	-	250	U	5000	U	-	-	250	U	-	-	1000	U	12000	U	-	-
2,2-Dichloropropane	594-20-7	**5**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
2-Butanone	78-93-3	**50**	ug/l	-	-	**420**		-	-	5	U	100	U	-	-	5	U	-	-	20	U	250	U	-	-
2-Hexanone	591-78-6	**50**	ug/l	-	-	250	U	-	-	5	U	100	U	-	-	5	U	-	-	20	U	250	U	-	-
4-Methyl-2-pentanone	108-10-1		ug/l	-	-	250	U	-	-	5	U	100	U	-	-	5	U	-	-	20	U	250	U	-	-
Acetone	67-64-1	**50**	ug/l	-	-	**810**		-	-	3.2	J	**64**	J	-	-	5	U	-	-	15	J	**220**	J	-	-
Acrylonitrile	107-13-1	**5**	ug/l	-	-	250	U	-	-	5	U	100	U	-	-	5	U	-	-	20	U	250	U	-	-
Benzene	71-43-2	**1**	ug/l	-	-	**180**		-	-	0.9		**39**		-	-	0.5	U	-	-	2	U	**150**		-	-
Bromobenzene	108-86-1	**5**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
Bromochloromethane	74-97-5	**5**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
Bromodichloromethane	75-27-4	**50**	ug/l	-	-	25	U	-	-	0.5	U	10	U	-	-	0.5	U	-	-	2	U	25	U	-	-
Bromoform	75-25-2	**50**	ug/l	-	-	100	U	-	-	2	U	40	U	-	-	2	U	-	-	8	U	100	U	-	-
Bromomethane	74-83-9	**5**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
Carbon disulfide	75-15-0	**60**	ug/l	-	-	250	U	-	-	5	U	100	U	-	-	5	U	-	-	20	U	250	U	-	-
Carbon tetrachloride	56-23-5	**5**	ug/l	-	-	25	U	-	-	0.5	U	10	U	-	-	0.5	U	-	-	2	U	25	U	-	-
Chlorobenzene	108-90-7	**5**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
Chloroethane	75-00-3	**5**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
Chloroform	67-66-3	**7**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
Chloromethane	74-87-3		ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
cis-1,2-Dichloroethene	156-59-2	**5**	ug/l	-	-	120	U	-	-	2.5	U	**22**	J	-	-	**6.7**		-	-	10	U	120	U	-	-
cis-1,3-Dichloropropene	10061-01-5	**0.4**	ug/l	-	-	25	U	-	-	0.5	U	10	U	-	-	0.5	U	-	-	2	U	25	U	-	-
Dibromochloromethane	124-48-1	**50**	ug/l	-	-	25	U	-	-	0.5	U	10	U	-	-	0.5	U	-	-	2	U	25	U	-	-
Dibromomethane	74-95-3	**5**	ug/l	-	-	250	U	-	-	5	U	100	U	-	-	5	U	-	-	20	U	250	U	-	-
Dichlorodifluoromethane	75-71-8	**5**	ug/l	-	-	250	U	-	-	5	U	100	U	-	-	5	U	-	-	20	U	250	U	-	-
Ethyl ether	60-29-7		ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
Ethylbenzene	100-41-4	**5**	ug/l	-	-	**710**		-	-	3.4		**170**		-	-	2.5	U	-	-	10	U	**740**		-	-
Hexachlorobutadiene	87-68-3	**0.5**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
Isopropylbenzene	98-82-8	**5**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
Methyl tert butyl ether	1634-04-4	**10**	ug/l	-	-	120	U	-	-	**12**		50	U	-	-	0.86	J	-	-	5.6	J	120	U	-	-
Methylene chloride	75-09-2	**5**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
n-Butylbenzene	104-51-8	**5**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
n-Propylbenzene	103-65-1	**5**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
Naphthalene	91-20-3	**10**	ug/l	-	-	**6200**		-	-	3.5		**2400**		-	-	3.6		-	-	2.9	J	**5900**		-	-
o-Chlorotoluene	95-49-8	**5**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
o-Xylene	95-47-6	**5**	ug/l	-	-	**270**		-	-	1	J	**62**		-	-	2.5	U	-	-	10	U	**260**		-	-
p-Chlorotoluene	106-43-4	**5**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
p-Diethylbenzene	105-05-5		ug/l	-	-	100	U	-	-	2	U	40	U	-	-	2	U	-	-	8	U	100	U	-	-
p-Ethyltoluene	622-96-8		ug/l	-	-	200		-	-	0.79	J	72		-	-	2	U	-	-	8	U	180		-	-
p-Isopropyltoluene	99-87-6	**5**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	**5.3**		-	-	**460**		120	U	-	-
p/m-Xylene	179601-23-1	**5**	ug/l	-	-	**470**		-	-	2.2	J	**130**		-	-	2.5	U	-	-	10	U	**490**		-	-
sec-Butylbenzene	135-98-8	**5**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
Styrene	100-42-5	**5**	ug/l	-	-	120	U	-	-	2.5	U	**31**	J	-	-	2.5	U	-	-	10	U	**60**	J	-	-
tert-Butylbenzene	98-06-6	**5**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
Tetrachloroethene	127-18-4	**5**	ug/l	-	-	25	U	-	-	0.5	U	**23**		-	-	**5.4**		-	-	2	U	25	U	-	-
Toluene	108-88-3	**5**	ug/l	-	-	**520**		-	-	1.1	J	**69**		-	-	2.5	U	-	-	10	U	**530**		-	-
trans-1,2-Dichloroethene	156-60-5	**5**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
trans-1,3-Dichloropropene	10061-02-6	**0.4**	ug/l	-	-	25	U	-	-	0.5	U	10	U	-	-	0.5	U	-	-	2	U	25	U	-	-
trans-1,4-Dichloro-2-butene	110-57-6	**5**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
Trichloroethene	79-01-6	**5**	ug/l	-	-	25	U	-	-	0.5	U	**14**		-	-	2.5		-	-	2	U	25	U	-	-
Trichlorofluoromethane	75-69-4	**5**	ug/l	-	-	120	U	-	-	2.5	U	50	U	-	-	2.5	U	-	-	10	U	120	U	-	-
Vinyl acetate	108-05-4		ug/l	-	-	250	U	-	-	5	U	100	U	-	-	5	U	-	-	20	U	250	U	-	-
Vinyl chloride	75-01-4	**2**	ug/l	-	-	**7.1**	J	-	-	1	U	**3.6**	J	-	-	0.33	J	-	-	4	U	50	U	-	-
Xylenes, Total	1330-20-7		ug/l	-	-	740		-	-	3.2	J	190		-	-	2.5	U	-	-	10	U	750		-	-

BOLD + Highlighted = Exceedance of regulatory criteria
U = Not detected
J = Lab estimated value
ug/L = micrograms per liter
NY-AW = NYSDEC Class GA Ambient Water Quality Standards

Table 4B
2022 Supplemental Remedial Investigation Groundwater Analytical Data
318 Nevins Street, Brooklyn, New York

LOCATION				NMAW-5C		NMAW-1A		GW-16B		GW-16C		GW-16C		GW-16D		GW-17A		GW-17A		NMAW-1C		EB		DUP-1	
SAMPLING DATE				5/12/2023		5/12/2023		5/12/2023		5/12/2023		5/12/2023		5/12/2023		5/12/2023		5/12/2023		5/12/2023		5/12/2023		5/12/2023	
LAB SAMPLE ID				L2326607-01		L2326607-02		L2326607-03		L2326607-04		L2326607-04 R1		L2326607-05		L2326607-06		L2326607-06 R1		L2326607-07		L2326607-08		L2326607-09	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
General Chemistry																									
Cyanide, Total	57-12-5	**200**	ug/l	1	J	12		13		81		-	-	3	J	8		-	-	5	U	5	U	35	
Semivolatile Organics by GC/MS																									
1,2,4,5-Tetrachlorobenzene	95-94-3	**5**	ug/l	10	U	10	U	10	U	10	U	-	-	10	U	10	U	-	-	10	U	10	U	10	U
1,2,4-Trichlorobenzene	120-82-1	**5**	ug/l	5	U	5	U	5	U	5	U	-	-	5	U	5	U	-	-	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	**3**	ug/l	2	U	2	U	2	U	2	U	-	-	2	U	2	U	-	-	2	U	2	U	2	U
1,3-Dichlorobenzene	541-73-1	**3**	ug/l	2	U	2	U	2	U	2	U	-	-	2	U	2	U	-	-	2	U	2	U	2	U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	2	U	2	U	2	U	2	U	-	-	2	U	2	U	-	-	2	U	2	U	2	U
2,4,5-Trichlorophenol	95-95-4		ug/l	5	U	5	U	5	U	5	U	-	-	5	U	5	U	-	-	5	U	5	U	5	U
2,4,6-Trichlorophenol	88-06-2		ug/l	5	U	5	U	5	U	5	U	-	-	5	U	5	U	-	-	5	U	5	U	5	U
2,4-Dichlorophenol	120-83-2	**1**	ug/l	5	U	5	U	5	U	5	U	-	-	5	U	5	U	-	-	5	U	5	U	5	U
2,4-Dimethylphenol	105-67-9	**50**	ug/l	5	U	5	U	5	U	5	U	-	-	5	U	5	U	-	-	5	U	5	U	5	U
2,4-Dinitrophenol	51-28-5	**10**	ug/l	20	U	20	U	20	U	20	U	-	-	20	U	20	U	-	-	20	U	20	U	20	U
2,4-Dinitrotoluene	121-14-2	**5**	ug/l	5	U	5	U	5	U	5	U	-	-	5	U	5	U	-	-	5	U	5	U	5	U
2,6-Dinitrotoluene	606-20-2	**5**	ug/l	5	U	5	U	5	U	5	U	-	-	5	U	5	U	-	-	5	U	5	U	5	U
2-Chlorophenol	95-57-8		ug/l	2	U	2	U	2	U	2	U	-	-	2	U	2	U	-	-	2	U	2	U	2	U
2-Methylphenol	95-48-7		ug/l	5	U	5	U	5	U	5	U	-	-	5	U	5	U	-	-	5	U	5	U	5	U
2-Nitroaniline	88-74-4	**5**	ug/l	5	U	5	U	5	U	5	U	-	-	5	U	5	U	-	-	5	U	5	U	5	U
2-Nitrophenol	88-75-5		ug/l	10	U	10	U	10	U	10	U	-	-	10	U	10	U	-	-	10	U	10	U	10	U
3,3'-Dichlorobenzidine	91-94-1	**5**	ug/l	5	U	5	U	5	U	5	U	-	-	5	U	5	U	-	-	5	U	5	U	5	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5		ug/l	5	U	5	U	5	U	5	U	-	-	5	U	5	U	-	-	5	U	5	U	5	U
3-Nitroaniline	99-09-2	**5**	ug/l	5	U	5	U	5	U	5	U	-	-	5	U	5	U	-	-	5	U	5	U	5	U
4,6-Dinitro-o-cresol	534-52-1		ug/l	10	U	10	U	10	U	10	U	-	-	10	U	10	U	-	-	10	U	10	U	10	U
4-Bromophenyl phenyl ether	101-55-3		ug/l	2	U	2	U	2	U	2	U	-	-	2	U	2	U	-	-	2	U	2	U	2	U
4-Chloroaniline	106-47-8	**5**	ug/l	5	U	5	U	5	U	5	U	-	-	5	U	5	U	-	-	5	U	5	U	5	U
4-Chlorophenyl phenyl ether	7005-72-3		ug/l	2	U	2	U	2	U	2	U	-	-	2	U	2	U	-	-	2	U	2	U	2	U
4-Nitroaniline	100-01-6	**5**	ug/l	5	U	5	U	5	U	5	U	-	-	5	U	5	U	-	-	5	U	5	U	5	U
4-Nitrophenol	100-02-7		ug/l	10	U	10	U	10	U	10	U	-	-	10	U	10	U	-	-	10	U	10	U	10	U
Acetophenone	98-86-2		ug/l	5	U	5	U	5	U	5	U	-	-	5	U	5	U	-	-	5	U	5	U	5	U
Benzoic Acid	65-85-0		ug/l	50	U	50	U	50	U	8.2	J	-	-	50	U	50	U	-	-	50	U	50	U	50	U
Benzyl Alcohol	100-51-6		ug/l	2	U	2	U	2	U	2	U	-	-	2	U	2	U	-	-	2	U	2	U	2	U
Biphenyl	92-52-4		ug/l	2	U	7.1		2	U	2	U	-	-	2	U	2	U	-	-	2	U	2	U	8.6	
Bis(2-chloroethoxy)methane	111-91-1	**5**	ug/l	5	U	5	U	5	U	5	U	-	-	5	U	5	U	-	-	5	U	5	U	5	U
Bis(2-chloroethyl)ether	111-44-4	**1**	ug/l	2	U	2	U	2	U	2	U	-	-	2	U	2	U	-	-	2	U	2	U	2	U
Bis(2-chloroisopropyl)ether	108-60-1	**5**	ug/l	2	U	2	U	2	U	2	U	-	-	2	U	2	U	-	-	2	U	2	U	2	U
Bis(2-ethylhexyl)phthalate	117-81-7	**5**	ug/l	3	U	3	U	3	U	3	U	-	-	3	U	3	U	-	-	3	U	3	U	3	U
Butyl benzyl phthalate	85-68-7	**50**	ug/l	5	U	5	U	5	U	5	U	-	-	5	U	5	U	-	-	5	U	5	U	5	U
Carbazole	86-74-8		ug/l	2	U	0.84	J	1	J	2	U	-	-	2	U	2	U	-	-	2	U	2	U	0.97	J
Di-n-butylphthalate	84-74-2	**50**	ug/l	5	U	5	U	5	U	5	U	-	-	5	U	5	U	-	-	5	U	5	U	5	U
Di-n-octylphthalate	117-84-0	**50**	ug/l	5	U	5	U	5	U	5	U	-	-	5	U	5	U	-	-	5	U	5	U	5	U
Dibenzofuran	132-64-9		ug/l	2	U	3.2		0.63	J	2	U	-	-	2	U	2	U	-	-	2	U	2	U	3.7	
Diethyl phthalate	84-66-2	**50**	ug/l	5	U	5	U	5	U	5	U	-	-	5	U	5	U	-	-	5	U	5	U	5	U
Dimethyl phthalate	131-11-3	**50**	ug/l	5	U	5	U	5	U	5	U	-	-	5	U	5	U	-	-	5	U	5	U	5	U
Hexachlorocyclopentadiene	77-47-4	**5**	ug/l	20	U	20	U	20	U	20	U	-	-	20	U	20	U	-	-	20	U	20	U	20	U
Isophorone	78-59-1	**50**	ug/l	5	U	5	U	5	U	5	U	-	-	5	U	5	U	-	-	5	U	5	U	5	U
n-Nitrosodi-n-propylamine	621-64-7		ug/l	5	U	5	U	5	U	5	U	-	-	5	U	5	U	-	-	5	U	5	U	5	U
NDPA/DPA	86-30-6	**50**	ug/l	2	U	2	U	2	U	2	U	-	-	2	U	2	U	-	-	2	U	2	U	2	U
Nitrobenzene	98-95-3	**0.4**	ug/l	2	U	2	U	2	U	2	U	-	-	2	U	2	U	-	-	2	U	2	U	2	U
p-Chloro-m-cresol	59-50-7		ug/l	2	U	2	U	2	U	2	U	-	-	2	U	2	U	-	-	2	U	2	U	2	U
Phenol	108-95-2	**1**	ug/l	5	U	5	U	5	U	5	U	-	-	5	U	5	U	-	-	5	U	5	U	5	U
Semivolatile Organics by GC/MS-SIM																									
2-Chloronaphthalene	91-58-7	**10**	ug/l	0.2	U	0.4	U	0.2	U	0.2	U	-	-	0.2	U	0.2	U	-	-	0.2	U	0.2	U	0.4	U
2-Methylnaphthalene	91-57-6		ug/l	0.39		83		0.46		1.4		-	-	0.08	J	0.1	U	-	-	0.1	U	0.1	U	79	
Acenaphthene	83-32-9	**20**	ug/l	0.66		**21**		16		2.4		-	-	0.5		0.18		-	-	3		0.1	U	**26**	
Acenaphthylene	208-96-8		ug/l	2.2		55		0.98		0.55		-	-	1.6		0.06	J	-	-	0.2		0.1	U	65	
Anthracene	120-12-7	**50**	ug/l	1		34		0.33		0.6		-	-	0.09	J	0.12		-	-	0.27		0.1	U	**51**	
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	**0.33**		**34**		**0.14**		**0.2**		-	-	0.1	U	**0.14**		-	-	**0.16**		0.1	U	**58**	
Benzo(a)pyrene	50-32-8	**0.002**	ug/l	**0.16**		**42**		**0.1**		**0.14**		-	-	0.1	U	**0.15**		-	-	0.1	U	0.1	U	**67**	
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	**0.12**		**26**		**0.11**		**0.14**		-	-	0.1	U	**0.19**		-	-	**0.03**	J	0.1	U	**45**	
Benzo(ghi)perylene	191-24-2		ug/l	0.06	J	23		0.06	J	0.08	J	-	-	0.1	U	0.11		-	-	0.1	U	0.1	U	36	
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	**0.05**	J	**9.5**		**0.04**	J	**0.05**	J	-	-	0.1	U	**0.06**	J	-	-	**0.02**	J	0.1	U	**12**	
Chrysene	218-01-9	**0.002**	ug/l	**0.27**		**29**		**0.1**	J	**0.2**		-	-	0.1	U	**0.15**		-	-	**0.07**	J	0.1	U	**46**	
Dibenzo(a,h)anthracene	53-70-3		ug/l	0.1	U	4.7		0.1	U	0.1	U	-	-	0.1	U	0.1	U	-	-	0.1	U	0.1	U	7.4	
Fluoranthene	206-44-0	**50**	ug/l	1.2		49		0.47		0.82		-	-	0.11		0.49		-	-	1.3		0.1	U	**81**	
Fluorene	86-73-7	**50**	ug/l	1.7		34		3.6		0.74		-	-	0.11		0.1		-	-	0.38		0.1	U	43	
Hexachlorobenzene	118-74-1	**0.04**	ug/l	0.8	U	1.6	U	0.8	U	0.8	U	-	-	0.8	U	0.8	U	-	-	0.8	U	0.8	U	1.6	U
Hexachlorobutadiene	87-68-3	**0.5**	ug/l	0.5	U	1	U	0.5	U	0.5	U	-	-	0.5	U	0.5	U	-	-	0.5	U	0.5	U	1	U
Hexachloroethane	67-72-1	**5**	ug/l	0.8	U	1.6	U	0.8	U	0.8	U	-	-	0.8	U	0.8	U	-	-	0.8	U	0.8	U	1.6	U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	**0.05**	J	**20**		0.1	U	**0.07**	J	-	-	0.1	U	**0.09**	J	-	-	0.1	U	0.1	U	**31**	
Naphthalene	91-20-3	**10**	ug/l	0.1	U	**110**		7.7		8.2		-	-	0.1	U	0.21		-	-	0.1	U	0.1	U	**94**	
Pentachlorophenol	87-86-5	**1**	ug/l	0.8	U	1.6	U	0.8	U	0.8	U	-	-	0.8	U	0.8	U	-	-	0.8	U	0.8	U	1.6	U
Phenanthrene	85-01-8	**50**	ug/l	4		**82**		1.7		2.4		-	-	0.32		0.18		-	-	0.12		0.1	U	**110**	
Pyrene	129-00-0	**50**	ug/l	1.6		**65**		0.54		1.1		-	-	0.24		0.57		-	-	3		0.1	U	**110**	
Volatile Organics by GC/MS																									
1,1,1,2-Tetrachloroethane	630-20-6	**5**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
1,1,1-Trichloroethane	71-55-6	**5**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
1,1,2,2-Tetrachloroethane	79-34-5	**5**	ug/l	0.5	U	1	U	0.5	U	0.5	U	-	-	0.5	U	1.2	U	-	-	0.5	U	0.5	U	1.2	U
1,1,2-Trichloroethane	79-00-5	**1**	ug/l	1.5	U	3	U	1.5	U	1.5	U	-	-	1.5	U	3.8	U	-	-	1.5	U	1.5	U	3.8	U
1,1-Dichloroethane	75-34-3	**5**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
1,1-Dichloroethene	75-35-4	**5**	ug/l	0.22	J	1	U	0.5	U	0.5	U	-	-	0.5	U	1.2	U	-	-	0.5	U	0.5	U	1.2	U
1,1-Dichloropropene	563-58-6	**5**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
1,2,3-Trichlorobenzene	87-61-6	**5**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
1,2,3-Trichloropropane	96-18-4	**0.04**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
1,2,4,5-Tetramethylbenzene	95-93-2	**5**	ug/l	2	U	4	U	1.3	J	2	U	-	-	2	U	5	U	-	-	2		2	U	2.2	J
1,2,4-Trichlorobenzene	120-82-1	**5**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
1,2,4-Trimethylbenzene	95-63-6	**5**	ug/l	2	J	**7.3**		3.3		0.95	J	-	-	2.5	U	6.2	U	-	-	3.1		2.5	U	**16**	
1,2-Dibromo-3-chloropropane	96-12-8	**0.04**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
1,2-Dibromoethane	106-93-4	**0.0006**	ug/l	2	U	4	U	2	U	2	U	-	-	2	U	5	U	-	-	2	U	2	U	5	U
1,2-Dichlorobenzene	95-50-1	**3**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
1,2-Dichloroethane	107-06-2	**0.6**	ug/l	0.5	U	1	U	0.5	U	0.5	U	-	-	0.5	U	1.2	U	-	-	0.5	U	0.5	U	1.2	U
1,2-Dichloroethene, Total	540-59-0		ug/l	61		5	U	7.2		2.8		-	-	3.2		6.2	U	-	-	1.4	J	2.5	U	6.2	U
1,2-Dichloropropane	78-87-5	**1**	ug/l	1	U	2	U	1	U	1	U	-	-	1	U	2.5	U	-	-	1	U	1	U	2.5	U
1,3,5-Trimethylbenzene	108-67-8	**5**	ug/l	2.5	U	2.1	J	1.2	J	2.5	U	-	-	2.5	U	6.2	U	-	-	4.4		2.5	U	4.6	J
1,3-Dichlorobenzene	541-73-1	**3**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
1,3-Dichloropropane	142-28-9	**5**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
1,3-Dichloropropene, Total	542-75-6		ug/l	0.5	U	1	U	0.5	U	0.5	U	-	-	0.5	U	1.2	U	-	-	0.5	U	0.5	U	1.2	U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
1,4-Dioxane	123-91-1		ug/l	250	U	500	U	250	U	250	U	-	-	250	U	620	U	-	-	250	U	250	U	620	U
2,2-Dichloropropane	594-20-7	**5**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
2-Butanone	78-93-3	**50**	ug/l	5	U	10	U	4.7	J	**170**		-	-	25		**400**		-	-	5	U	5	U	12	U
2-Hexanone	591-78-6	**50**	ug/l	5	U	10	U	5	U	5	U	-	-	5	U	12	U	-	-	5	U	5	U	12	U
4-Methyl-2-pentanone	108-10-1		ug/l	5	U	10	U	5	U	5	U	-	-	5	U	12	U	-	-	5	U	5	U	12	U
Acetone	67-64-1	**50**	ug/l	5	U	10	U	14		**220**	E	**260**		28		**530**	E	**560**		5	U	1.5	J	12	U
Acrylonitrile	107-13-1	**5**	ug/l	5	U	10	U	5	U	5	U	-	-	5	U	12	U	-	-	5	U	5	U	12	U
Benzene	71-43-2	**1**	ug/l	0.5	U	0.39	J	**4.7**		0.22	J	-	-	0.5	U	0.4	J	-	-	0.67		0.5	U	0.59	J
Bromobenzene	108-86-1	**5**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
Bromochloromethane	74-97-5	**5**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
Bromodichloromethane	75-27-4	**50**	ug/l	0.5	U	1	U	0.5	U	0.5	U	-	-	0.5	U	1.2	U	-	-	0.5	U	0.5	U	1.2	U
Bromoform	75-25-2	**50**	ug/l	2	U	4	U	2	U	2	U	-	-	2	U	5	U	-	-	2	U	2	U	5	U
Bromomethane	74-83-9	**5**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
Carbon disulfide	75-15-0	**60**	ug/l	5	U	10	U	5	U	1.6	J	-	-	5	U	12	U	-	-	5	U	5	U	12	U
Carbon tetrachloride	56-23-5	**5**	ug/l	0.5	U	1	U	0.5	U	0.5	U	-	-	0.5	U	1.2	U	-	-	0.5	U	0.5	U	1.2	U
Chlorobenzene	108-90-7	**5**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
Chloroethane	75-00-3	**5**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
Chloroform	67-66-3	**7**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
Chloromethane	74-87-3		ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
cis-1,2-Dichloroethene	156-59-2	**5**	ug/l	**61**		5	U	**7.2**		2.8		-	-	3.2		6.2	U	-	-	1.4	J	2.5	U	6.2	U
cis-1,3-Dichloropropene	10061-01-5	**0.4**	ug/l	0.5	U	1	U	0.5	U	0.5	U	-	-	0.5	U	1.2	U	-	-	0.5	U	0.5	U	1.2	U
Dibromochloromethane	124-48-1	**50**	ug/l	0.5	U	1	U	0.5	U	0.5	U	-	-	0.5	U	1.2	U	-	-	0.5	U	0.5	U	1.2	U
Dibromomethane	74-95-3	**5**	ug/l	5	U	10	U	5	U	5	U	-	-	5	U	12	U	-	-	5	U	5	U	12	U
Dichlorodifluoromethane	75-71-8	**5**	ug/l	5	U	10	U	5	U	5	U	-	-	5	U	12	U	-	-	5	U	5	U	12	U
Ethyl ether	60-29-7		ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
Ethylbenzene	100-41-4	**5**	ug/l	3.3		**9.7**		**40**		1.5	J	-	-	0.88	J	2.2	J	-	-	3.6		2.5	U	**18**	
Hexachlorobutadiene	87-68-3	**0.5**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
Isopropylbenzene	98-82-8	**5**	ug/l	2.5	U	5	U	4.3		2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
Methyl tert butyl ether	1634-04-4	**10**	ug/l	1.1	J	3.8	J	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	2.9	J
Methylene chloride	75-09-2	**5**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
n-Butylbenzene	104-51-8	**5**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
n-Propylbenzene	103-65-1	**5**	ug/l	2.5	U	5	U	2.1	J	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
Naphthalene	91-20-3	**10**	ug/l	**57**		**220**		**16**		**18**		-	-	2.5	U	**15**		-	-	**30**		2.5	U	**460**	
o-Chlorotoluene	95-49-8	**5**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
o-Xylene	95-47-6	**5**	ug/l	1.2	J	3.8	J	**5.2**		0.96	J	-	-	2.5	U	6.2	U	-	-	2.3	J	2.5	U	**6.8**	
p-Chlorotoluene	106-43-4	**5**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
p-Diethylbenzene	105-05-5		ug/l	2	U	1.5	J	1.1	J	2	U	-	-	2	U	5	U	-	-	4		2	U	3.6	J
p-Ethyltoluene	622-96-8		ug/l	1.8	J	8.1		1.5	J	1.1	J	-	-	2	U	5	U	-	-	8.3		2	U	16	
p-Isopropyltoluene	99-87-6	**5**	ug/l	2.5	U	5	U	2.5	U	3.2		-	-	2.5	U	6.2	U	-	-	1.4	J	2.5	U	2	J
p/m-Xylene	179601-23-1	**5**	ug/l	2.7		**8.1**		1.9	J	2.5	U	-	-	2.5	U	1.8	J	-	-	3.4		2.5	U	**14**	
sec-Butylbenzene	135-98-8	**5**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
Styrene	100-42-5	**5**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	1.9	J
tert-Butylbenzene	98-06-6	**5**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
Tetrachloroethene	127-18-4	**5**	ug/l	**20**		1	U	0.5	U	**8.5**		-	-	0.24	J	1.2	U	-	-	**8**		0.5	U	1.2	U
Toluene	108-88-3	**5**	ug/l	0.91	J	3.4	J	2.6		2.5	U	-	-	2.5	U	6.2	U	-	-	1.5	J	2.5	U	**5.2**	J
trans-1,2-Dichloroethene	156-60-5	**5**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
trans-1,3-Dichloropropene	10061-02-6	**0.4**	ug/l	0.5	U	1	U	0.5	U	0.5	U	-	-	0.5	U	1.2	U	-	-	0.5	U	0.5	U	1.2	U
trans-1,4-Dichloro-2-butene	110-57-6	**5**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
Trichloroethene	79-01-6	**5**	ug/l	**7.6**		1	U	0.5	U	2		-	-	0.5	U	1.2	U	-	-	1.8		0.5	U	1.2	U
Trichlorofluoromethane	75-69-4	**5**	ug/l	2.5	U	5	U	2.5	U	2.5	U	-	-	2.5	U	6.2	U	-	-	2.5	U	2.5	U	6.2	U
Vinyl acetate	108-05-4		ug/l	5	U	10	U	5	U	5	U	-	-	5	U	12	U	-	-	5	U	5	U	12	U
Vinyl chloride	75-01-4	**2**	ug/l	0.16	J	2	U	**11**		0.31	J	-	-	1.1		2.5	U	-	-	0.14	J	1	U	2.5	U
Xylenes, Total	1330-20-7		ug/l	3.9	J	12	J	7.1	J	0.96	J	-	-	2.5	U	1.8	J	-	-	5.7	J	2.5	U	21	

BOLD + Highlighted = Exceedance of regulatory criteria
U = Not detected
J = Lab estimated value
ug/L = micrograms per liter
NY-AW = NYSDEC Class GA Ambient Water Quality Standards

Table 4B
2022 Supplemental Remedial Investigation Groundwater Analytical Data
318 Nevins Street, Brooklyn, New York

LOCATION				TRIP BLANK		GW-16A		TRIP BLANK	
SAMPLING DATE				5/12/2023		5/16/2023		5/16/2023	
LAB SAMPLE ID				L2326607-10		L2327024-01		L2327024-02	
SAMPLE TYPE				WATER		WATER		WATER	
	CasNum	NY-AWQS	Units	Results	Qual	Results	Qual	Results	Qual
General Chemistry									
Cyanide, Total	57-12-5	**200**	ug/l	-	-	122		-	-
Semivolatile Organics by GC/MS									
1,2,4,5-Tetrachlorobenzene	95-94-3	**5**	ug/l	-	-	10	U	-	-
1,2,4-Trichlorobenzene	120-82-1	**5**	ug/l	-	-	5	U	-	-
1,2-Dichlorobenzene	95-50-1	**3**	ug/l	-	-	2	U	-	-
1,3-Dichlorobenzene	541-73-1	**3**	ug/l	-	-	2	U	-	-
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	-	-	2	U	-	-
2,4,5-Trichlorophenol	95-95-4		ug/l	-	-	5	U	-	-
2,4,6-Trichlorophenol	88-06-2		ug/l	-	-	5	U	-	-
2,4-Dichlorophenol	120-83-2	**1**	ug/l	-	-	5	U	-	-
2,4-Dimethylphenol	105-67-9	**50**	ug/l	-	-	5	U	-	-
2,4-Dinitrophenol	51-28-5	**10**	ug/l	-	-	20	U	-	-
2,4-Dinitrotoluene	121-14-2	**5**	ug/l	-	-	5	U	-	-
2,6-Dinitrotoluene	606-20-2	**5**	ug/l	-	-	5	U	-	-
2-Chlorophenol	95-57-8		ug/l	-	-	2	U	-	-
2-Methylphenol	95-48-7		ug/l	-	-	5	U	-	-
2-Nitroaniline	88-74-4	**5**	ug/l	-	-	5	U	-	-
2-Nitrophenol	88-75-5		ug/l	-	-	10	U	-	-
3,3'-Dichlorobenzidine	91-94-1	**5**	ug/l	-	-	5	U	-	-
3-Methylphenol/4-Methylphenol	108-39-4/106-44-5		ug/l	-	-	5	U	-	-
3-Nitroaniline	99-09-2	**5**	ug/l	-	-	5	U	-	-
4,6-Dinitro-o-cresol	534-52-1		ug/l	-	-	10	U	-	-
4-Bromophenyl phenyl ether	101-55-3		ug/l	-	-	2	U	-	-
4-Chloroaniline	106-47-8	**5**	ug/l	-	-	5	U	-	-
4-Chlorophenyl phenyl ether	7005-72-3		ug/l	-	-	2	U	-	-
4-Nitroaniline	100-01-6	**5**	ug/l	-	-	5	U	-	-
4-Nitrophenol	100-02-7		ug/l	-	-	10	U	-	-
Acetophenone	98-86-2		ug/l	-	-	5	U	-	-
Benzoic Acid	65-85-0		ug/l	-	-	50	U	-	-
Benzyl Alcohol	100-51-6		ug/l	-	-	2	U	-	-
Biphenyl	92-52-4		ug/l	-	-	2	U	-	-
Bis(2-chloroethoxy)methane	111-91-1	**5**	ug/l	-	-	5	U	-	-
Bis(2-chloroethyl)ether	111-44-4	**1**	ug/l	-	-	2	U	-	-
Bis(2-chloroisopropyl)ether	108-60-1	**5**	ug/l	-	-	2	U	-	-
Bis(2-ethylhexyl)phthalate	117-81-7	**5**	ug/l	-	-	3	U	-	-
Butyl benzyl phthalate	85-68-7	**50**	ug/l	-	-	5	U	-	-
Carbazole	86-74-8		ug/l	-	-	2	U	-	-
Di-n-butylphthalate	84-74-2	**50**	ug/l	-	-	5	U	-	-
Di-n-octylphthalate	117-84-0	**50**	ug/l	-	-	5	U	-	-
Dibenzofuran	132-64-9		ug/l	-	-	2	U	-	-
Diethyl phthalate	84-66-2	**50**	ug/l	-	-	5	U	-	-
Dimethyl phthalate	131-11-3	**50**	ug/l	-	-	5	U	-	-
Hexachlorocyclopentadiene	77-47-4	**5**	ug/l	-	-	20	U	-	-
Isophorone	78-59-1	**50**	ug/l	-	-	5	U	-	-
n-Nitrosodi-n-propylamine	621-64-7		ug/l	-	-	5	U	-	-
NDPA/DPA	86-30-6	**50**	ug/l	-	-	2	U	-	-
Nitrobenzene	98-95-3	**0.4**	ug/l	-	-	2	U	-	-
p-Chloro-m-cresol	59-50-7		ug/l	-	-	2	U	-	-
Phenol	108-95-2	**1**	ug/l	-	-	5	U	-	-
Semivolatile Organics by GC/MS-SIM									
2-Chloronaphthalene	91-58-7	**10**	ug/l	-	-	0.2	U	-	-
2-Methylnaphthalene	91-57-6		ug/l	-	-	0.07	J	-	-
Acenaphthene	83-32-9	**20**	ug/l	-	-	0.16		-	-
Acenaphthylene	208-96-8		ug/l	-	-	0.24		-	-
Anthracene	120-12-7	**50**	ug/l	-	-	0.27		-	-
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	-	-	**0.66**		-	-
Benzo(a)pyrene	50-32-8	**0.002**	ug/l	-	-	**0.77**		-	-
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	-	-	**0.92**		-	-
Benzo(ghi)perylene	191-24-2		ug/l	-	-	0.65		-	-
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	-	-	**0.28**		-	-
Chrysene	218-01-9	**0.002**	ug/l	-	-	**0.64**		-	-
Dibenzo(a,h)anthracene	53-70-3		ug/l	-	-	0.12		-	-
Fluoranthene	206-44-0	**50**	ug/l	-	-	1.5		-	-
Fluorene	86-73-7	**50**	ug/l	-	-	0.14		-	-
Hexachlorobenzene	118-74-1	**0.04**	ug/l	-	-	0.8	U	-	-
Hexachlorobutadiene	87-68-3	**0.5**	ug/l	-	-	0.5	U	-	-
Hexachloroethane	67-72-1	**5**	ug/l	-	-	0.8	U	-	-
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	-	-	**0.55**		-	-
Naphthalene	91-20-3	**10**	ug/l	-	-	0.11		-	-
Pentachlorophenol	87-86-5	**1**	ug/l	-	-	0.8	U	-	-
Phenanthrene	85-01-8	**50**	ug/l	-	-	0.82		-	-
Pyrene	129-00-0	**50**	ug/l	-	-	1.5		-	-
Volatile Organics by GC/MS									
1,1,1,2-Tetrachloroethane	630-20-6	**5**	ug/l	2.5	U	2.5	U	2.5	U
1,1,1-Trichloroethane	71-55-6	**5**	ug/l	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	**5**	ug/l	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	**1**	ug/l	1.5	U	1.5	U	1.5	U
1,1-Dichloroethane	75-34-3	**5**	ug/l	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	**5**	ug/l	0.5	U	0.5	U	0.5	U
1,1-Dichloropropene	563-58-6	**5**	ug/l	2.5	U	2.5	U	2.5	U
1,2,3-Trichlorobenzene	87-61-6	**5**	ug/l	2.5	U	2.5	U	2.5	U
1,2,3-Trichloropropane	96-18-4	**0.04**	ug/l	2.5	U	2.5	U	2.5	U
1,2,4,5-Tetramethylbenzene	95-93-2	**5**	ug/l	2	U	2	U	2	U
1,2,4-Trichlorobenzene	120-82-1	**5**	ug/l	2.5	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	95-63-6	**5**	ug/l	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-chloropropane	96-12-8	**0.04**	ug/l	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	**0.0006**	ug/l	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	**3**	ug/l	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	**0.6**	ug/l	0.5	U	0.5	U	0.5	U
1,2-Dichloroethene, Total	540-59-0		ug/l	2.5	U	2.5	U	2.5	U
1,2-Dichloropropane	78-87-5	**1**	ug/l	1	U	1	U	1	U
1,3,5-Trimethylbenzene	108-67-8	**5**	ug/l	2.5	U	2.5	U	2.5	U
1,3-Dichlorobenzene	541-73-1	**3**	ug/l	2.5	U	2.5	U	2.5	U
1,3-Dichloropropane	142-28-9	**5**	ug/l	2.5	U	2.5	U	2.5	U
1,3-Dichloropropene, Total	542-75-6		ug/l	0.5	U	0.5	U	0.5	U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1		ug/l	250	U	250	U	250	U
2,2-Dichloropropane	594-20-7	**5**	ug/l	2.5	U	2.5	U	2.5	U
2-Butanone	78-93-3	**50**	ug/l	5	U	5	U	5	U
2-Hexanone	591-78-6	**50**	ug/l	5	U	5	U	5	U
4-Methyl-2-pentanone	108-10-1		ug/l	5	U	5	U	5	U
Acetone	67-64-1	**50**	ug/l	5	U	5	U	5	U
Acrylonitrile	107-13-1	**5**	ug/l	5	U	5	U	5	U
Benzene	71-43-2	**1**	ug/l	0.5	U	0.5	U	0.5	U
Bromobenzene	108-86-1	**5**	ug/l	2.5	U	2.5	U	2.5	U
Bromochloromethane	74-97-5	**5**	ug/l	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	**50**	ug/l	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	**50**	ug/l	2	U	2	U	2	U
Bromomethane	74-83-9	**5**	ug/l	2.5	U	2.5	U	2.5	U
Carbon disulfide	75-15-0	**60**	ug/l	5	U	5	U	5	U
Carbon tetrachloride	56-23-5	**5**	ug/l	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	**5**	ug/l	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	**5**	ug/l	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	**7**	ug/l	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3		ug/l	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	**5**	ug/l	2.5	U	2.5	U	2.5	U
cis-1,3-Dichloropropene	10061-01-5	**0.4**	ug/l	0.5	U	0.5	U	0.5	U
Dibromochloromethane	124-48-1	**50**	ug/l	0.5	U	0.5	U	0.5	U
Dibromomethane	74-95-3	**5**	ug/l	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	**5**	ug/l	5	U	5	U	5	U
Ethyl ether	60-29-7		ug/l	2.5	U	2.5	U	2.5	U
Ethylbenzene	100-41-4	**5**	ug/l	2.5	U	2.5	U	2.5	U
Hexachlorobutadiene	87-68-3	**0.5**	ug/l	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	**5**	ug/l	2.5	U	2.5	U	2.5	U
Methyl tert butyl ether	1634-04-4	**10**	ug/l	2.5	U	2.5	U	2.5	U
Methylene chloride	75-09-2	**5**	ug/l	2.5	U	2.5	U	2.5	U
n-Butylbenzene	104-51-8	**5**	ug/l	2.5	U	2.5	U	2.5	U
n-Propylbenzene	103-65-1	**5**	ug/l	2.5	U	2.5	U	2.5	U
Naphthalene	91-20-3	**10**	ug/l	2.5	U	1	J	2.5	U
o-Chlorotoluene	95-49-8	**5**	ug/l	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	**5**	ug/l	2.5	U	2.5	U	2.5	U
p-Chlorotoluene	106-43-4	**5**	ug/l	2.5	U	2.5	U	2.5	U
p-Diethylbenzene	105-05-5		ug/l	2	U	2	U	2	U
p-Ethyltoluene	622-96-8		ug/l	2	U	2	U	2	U
p-Isopropyltoluene	99-87-6	**5**	ug/l	2.5	U	2.5	U	2.5	U
p/m-Xylene	179601-23-1	**5**	ug/l	2.5	U	2.5	U	2.5	U
sec-Butylbenzene	135-98-8	**5**	ug/l	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	**5**	ug/l	2.5	U	2.5	U	2.5	U
tert-Butylbenzene	98-06-6	**5**	ug/l	2.5	U	2.5	U	2.5	U
Tetrachloroethene	127-18-4	**5**	ug/l	0.5	U	0.5	U	0.5	U
Toluene	108-88-3	**5**	ug/l	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	**5**	ug/l	2.5	U	2.5	U	2.5	U
trans-1,3-Dichloropropene	10061-02-6	**0.4**	ug/l	0.5	U	0.5	U	0.5	U
trans-1,4-Dichloro-2-butene	110-57-6	**5**	ug/l	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	**5**	ug/l	0.5	U	0.5	U	0.5	U
Trichlorofluoromethane	75-69-4	**5**	ug/l	2.5	U	2.5	U	2.5	U
Vinyl acetate	108-05-4		ug/l	5	U	5	U	5	U
Vinyl chloride	75-01-4	**2**	ug/l	1	U	1	U	1	U
Xylenes, Total	1330-20-7		ug/l	2.5	U	2.5	U	2.5	U

BOLD + Highlighted = Exceedance of regulatory criteria
U = Not detected
J = Lab estimated value
ug/L = micrograms per liter
NY-AW = NYSDEC Class GA Ambient Water Quality Standards

Table 5
Sentinel Well Analytical Results
318 Nevins Street, Brooklyn, NY

LOCATION		NYSDEC TOGS Standards and Guidance Values - GA	Units	HRP-MW-1		NMAW-2A		HRP-MW-3		HRP-MW-5A		HRP-MW-5B		GW-17A		GW-17B	
SAMPLING DATE				3/11/2025		3/13/2025		3/11/2025		3/11/2025		3/11/2025		3/13/2025		3/12/2025	
LAB SAMPLE ID				L2513789-02		L2514391-02		L2513789-01		L2513789-03		L2513789-04		L2514391-01		L2514138-06	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,4 Dioxane by 8270E-SIM																	
1,4-Dioxane	123-91-1	~	ug/l	0.191		0.15	U	0.104	J	0.129	J	0.244		0.164		0.244	
Dissolved Metals																	
Aluminum, Dissolved	7429-90-5	~	ug/l	50	U	50	U	50	U	24.8	J	50	U	50	U	50	U
Antimony, Dissolved	7440-36-0	**3**	ug/l	20	U	**3.59**	J	20	U	20	U	20	U	**10.05**	J	20	U
Arsenic, Dissolved	7440-38-2	**25**	ug/l	2.5	U	2.92		2.5	U	1.41	J	2.5	U	1.85	J	1.36	J
Barium, Dissolved	7440-39-3	**1000**	ug/l	101.2		65.53		63.07		80		44.23		100.3		80.51	
Beryllium, Dissolved	7440-41-7	**3**	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Cadmium, Dissolved	7440-43-9	**5**	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Calcium, Dissolved	7440-70-2	~	ug/l	75000		126000		191000		144000		98700		182000		128000	
Chromium, Dissolved	7440-47-3	**50**	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Cobalt, Dissolved	7440-48-4	~	ug/l	2.5	U	1.4	J	2.5	U	2.5	U	2.5	U	2.83		2.5	U
Copper, Dissolved	7440-50-8	**200**	ug/l	5	U	2.07	J	5	U	5	U	5	U	5	U	5	U
Iron, Dissolved	7439-89-6	**300**	ug/l	250	U	250	U	229	J	250	U	250	U	184	J	137	J
Lead, Dissolved	7439-92-1	**25**	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Magnesium, Dissolved	7439-95-4	**35000**	ug/l	**36400**		**90900**		33600		18000		29500		**41500**		**39700**	
Manganese, Dissolved	7439-96-5	**300**	ug/l	**3328**		28.37		**6802**		55.36		298.9		**968.3**		**410**	
Mercury, Dissolved	7439-97-6	**0.7**	ug/l	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Nickel, Dissolved	7440-02-0	**100**	ug/l	9.63	J	4.42	J	2.87	J	4.05	J	11.4		14.47		15.1	
Potassium, Dissolved	7440-09-7	~	ug/l	18600		37200		36900		49800		13600		32300		58500	
Selenium, Dissolved	7782-49-2	**10**	ug/l	25	U	25	U	25	U	25	U	25	U	25	U	25	U
Silver, Dissolved	7440-22-4	**50**	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Sodium, Dissolved	7440-23-5	**20000**	ug/l	**93200**		**710000**		**600000**		**143000**		**161000**		**308000**		**444000**	
Thallium, Dissolved	7440-28-0	**0.5**	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Vanadium, Dissolved	7440-62-2	~	ug/l	25	U	25	U	25	U	25	U	25	U	25	U	25	U
Zinc, Dissolved	7440-66-6	**2000**	ug/l	50	U	50	U	50	U	50	U	50	U	50	U	50	U
General Chemistry		~															
Chloride	16887-00-6	**250000**	ug/l	120000		**950000**		**900000**		**420000**		**260000**		**400000**		**550000**	
Chromium, Hexavalent	18540-29-9	**50**	ug/l	10	U	10	U	10	U	10	U	10	U	5	J	10	U
Chromium, Hexavalent (Unfiltered)	18540-29-9	~	ug/l	10	U	8	J	10	U	10	U	10	U	10	U	10	U
Cyanide, Total	57-12-5	**200**	ug/l	2	J	15		5	U	9		5	U	13		8	
Solids, Total	NONE	~	ug/l	720000		2900000		2500000		1200000		970000		2600000		1900000	
Organochlorine Pesticides by GC																	
4,4'-DDD	72-54-8	**0.3**	ug/l	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
4,4'-DDE	72-55-9	**0.2**	ug/l	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
4,4'-DDT	50-29-3	**0.2**	ug/l	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Aldrin	309-00-2	**0**	ug/l	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Alpha-BHC	319-84-6	**0.01**	ug/l	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Beta-BHC	319-85-7	**0.04**	ug/l	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Chlordane	57-74-9	**0.05**	ug/l	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U
cis-Chlordane	5103-71-9	~	ug/l	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Delta-BHC	319-86-8	**0.04**	ug/l	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Dieldrin	60-57-1	**0.004**	ug/l	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Endosulfan I	959-98-8	~	ug/l	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Endosulfan II	33213-65-9	~	ug/l	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Endosulfan sulfate	1031-07-8	~	ug/l	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Endrin	72-20-8	**0**	ug/l	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Endrin aldehyde	7421-93-4	**5**	ug/l	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U
Endrin ketone	53494-70-5	**5**	ug/l	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Heptachlor	76-44-8	**0.04**	ug/l	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Heptachlor epoxide	1024-57-3	**0.03**	ug/l	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Lindane	58-89-9	**0.05**	ug/l	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Methoxychlor	72-43-5	**35**	ug/l	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U
Toxaphene	8001-35-2	**0.06**	ug/l	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
trans-Chlordane	5103-74-2	~	ug/l	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Perfluorinated Alkyl Acids by EPA 1633																	
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic A	763051-92-9	~	ug/l	0.00592	U	0.00607	U	0.00628	U	0.00594	U	0.00635	U	0.00652	U	0.00706	U
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	~	ug/l	0.00592	U	0.00607	U	0.00628	U	0.00594	U	0.00635	U	0.00652	U	0.00706	U
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	757124-72-4	~	ug/l	0.00592	U	0.00607	U	0.00628	U	0.00594	U	0.00635	U	0.00652	U	0.00706	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	~	ug/l	0.00592	U	0.00607	U	0.00609	J	0.00594	U	0.00952		0.00652	U	0.066	J
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	914637-49-3	~	ug/l	0.037	U	0.038	U	0.0392	U	0.0371	U	0.0397	U	0.0408	U	0.0441	U
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	812-70-4	~	ug/l	0.037	U	0.038	U	0.0392	U	0.0371	U	0.0397	U	0.0408	U	0.0441	U
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	356-02-5	~	ug/l	0.0074	U	0.00759	U	0.00785	U	0.00743	U	0.00794	U	0.00816	U	0.00882	U
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	919005-14-4	~	ug/l	0.00592	U	0.00607	U	0.00628	U	0.00594	U	0.00635	U	0.00652	U	0.00706	U
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1	~	ug/l	0.00592	U	0.00607	U	0.00628	U	0.00594	U	0.00635	U	0.00652	U	0.00706	U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6	~	ug/l	0.00592	U	0.00607	U	0.00194	J	0.00148	J	0.00635	U	0.00652	U	0.00292	J
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	4151-50-2	~	ug/l	0.00148	U	0.00152	U	0.00157	U	0.00148	U	0.00159	U	0.00163	U	0.00176	U
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFC	1691-99-2	~	ug/l	0.0148	U	0.0152	U	0.0157	U	0.0148	U	0.0159	U	0.0163	U	0.0176	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NE	2991-50-6	~	ug/l	0.00148	U	0.00152	U	0.00157	U	0.00148	U	0.00159	U	0.00163	U	0.00176	U
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	31506-32-8	~	ug/l	0.00148	U	0.00152	U	0.00157	U	0.00148	U	0.00159	U	0.00163	U	0.00176	U
N-Methyl Perfluorooctanesulfonamido Ethanol (NM	24448-09-7	~	ug/l	0.0148	U	0.0152	U	0.0157	U	0.0148	U	0.0159	U	0.0163	U	0.0176	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (N	2355-31-9	~	ug/l	0.00148	U	0.00152	U	0.00157	U	0.00148	U	0.00159	U	0.00163	U	0.00176	U
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	151772-58-6	~	ug/l	0.00176	J	0.00304	U	0.00314	U	0.00297	U	0.00318	U	0.00326	U	0.00353	U
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	113507-82-7	~	ug/l	0.00296	U	0.00304	U	0.00314	U	0.00297	U	0.00318	U	0.00326	U	0.00353	U
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	377-73-1	~	ug/l	0.000392	J	0.0304	U	0.00314	U	0.00297	U	0.00318	U	0.00326	U	0.00353	U
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	863090-89-5	~	ug/l	0.00296	U	0.00304	U	0.00314	U	0.00297	U	0.00318	U	0.00326	U	0.00353	U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	ug/l	0.00185		0.00461		0.0172		0.00495		0.00712		0.00352		0.00184	
Perfluorobutanoic Acid (PFBA)	375-22-4	~	ug/l	0.0135		0.0171	J	0.0121		0.0109		0.0149		0.0145		0.0112	
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	ug/l	0.00148	U	0.00152	U	0.00157	U	0.00148	U	0.00159	U	0.00163	U	0.00176	U
Perfluorodecanoic Acid (PFDA)	335-76-2	~	ug/l	0.00148	U	0.000372	J	0.00157	U	0.000579	J	0.000326	J	0.000881	J	0.000485	J
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5	~	ug/l	0.00148	U	0.00152	U	0.00157	U	0.00148	U	0.00159	U	0.00163	U	0.00176	U
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	ug/l	0.00148	U	0.00152	U	0.00157	U	0.00148	U	0.00159	U	0.00163	U	0.00176	U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	ug/l	0.000244	J	0.000516	JF	0.00157	U	0.00046	J	0.000326	J	0.000669	J	0.00176	U
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	ug/l	0.00923		0.0123		0.0121		0.0116		0.0107		0.00728		0.0057	
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	ug/l	0.00213		0.0134		0.00185		0.00476		0.0048		0.0205		0.0151	
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	ug/l	0.0188		0.0121		0.0127		0.0147		0.0146		0.0114		0.00716	
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	~	ug/l	0.00148	U	0.00152	U	0.00157	U	0.00148	U	0.00159	U	0.00163	U	0.00176	U
Perfluorononanoic Acid (PFNA)	375-95-1	~	ug/l	0.00195		0.0018		0.000542	J	0.00281		0.00178		0.00169		0.00172	J
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	ug/l	0.00148	U	0.00152	U	0.00157	U	0.00148	U	0.00159	U	0.000628	J	0.000335	J
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.0027**	ug/l	**0.0123**		**0.035**		0.00156	JF	**0.0177**		**0.013**		**0.0256**		**0.0207**	
Perfluorooctanoic Acid (PFOA)	335-67-1	**0.0067**	ug/l	**0.0466**		**0.0457**		**0.0858**		**0.0604**		**0.075**		**0.045**		**0.034**	
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	~	ug/l	0.000466	J	0.000926	J	0.000596	J	0.000579	J	0.000683	J	0.00222		0.00422	
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	ug/l	0.0212		0.0165		0.015		0.0168		0.0169		0.0126		0.00808	
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	ug/l	0.00148	U	0.00152	U	0.00157	U	0.00148	U	0.00159	U	0.00163	U	0.00176	U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	ug/l	0.00148	U	0.00152	U	0.00157	U	0.00148	U	0.00159	U	0.00163	U	0.00176	U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	ug/l	0.00148	U	0.00152	U	0.00157	U	0.00148	U	0.00159	U	0.00163	U	0.00176	U

Table 5
Sentinel Well Analytical Results
318 Nevins Street, Brooklyn, NY

LOCATION		NYSDEC TOGS Standards and Guidance Values - GA	Units	HRP-MW-1		NMAW-2A		HRP-MW-3		HRP-MW-5A		HRP-MW-5B		GW-17A		GW-17B	
SAMPLING DATE				3/11/2025		3/13/2025		3/11/2025		3/11/2025		3/11/2025		3/13/2025		3/12/2025	
LAB SAMPLE ID				L2513789-02		L2514391-02		L2513789-01		L2513789-03		L2513789-04		L2514391-01		L2514138-06	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Polychlorinated Biphenyls by GC																	
Aroclor 1016	12674-11-2	**0.09**	ug/l	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1221	11104-28-2	**0.09**	ug/l	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1232	11141-16-5	**0.09**	ug/l	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1242	53469-21-9	**0.09**	ug/l	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1248	12672-29-6	**0.09**	ug/l	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1254	11097-69-1	**0.09**	ug/l	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1260	11096-82-5	**0.09**	ug/l	0.071	U	0.071	U	0.051	J	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1262	37324-23-5	**0.09**	ug/l	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1268	11100-14-4	**0.09**	ug/l	0.032	J	0.071	U	0.02	J	0.071	U	0.028	J	0.071	U	0.071	U
PCBs, Total	1336-36-3		ug/l	0.032	J	0.071	U	0.07	J	0.071	U	0.028	J	0.071	U	0.071	U
Semivolatile Organics by GC/MS																	
1,2,4,5-Tetrachlorobenzene	95-94-3	**5**	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
1,2,4-Trichlorobenzene	120-82-1	**5**	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	**3**	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,3-Dichlorobenzene	541-73-1	**3**	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U
2,4,5-Trichlorophenol	95-95-4	**~**	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4,6-Trichlorophenol	88-06-2	**~**	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dichlorophenol	120-83-2	**1**	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dimethylphenol	105-67-9	**50**	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dinitrophenol	51-28-5	**10**	ug/l	20	U	20	U	20	U	20	U	20	U	20	U	20	U
2,4-Dinitrotoluene	121-14-2	**5**	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2,6-Dinitrotoluene	606-20-2	**5**	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Chlorophenol	95-57-8	**~**	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U
2-Methylphenol	95-48-7	**~**	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Nitroaniline	88-74-4	**5**	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Nitrophenol	88-75-5	**~**	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	91-94-1	**5**	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-	**~**	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
3-Nitroaniline	99-09-2	**5**	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4,6-Dinitro-o-cresol	534-52-1	**~**	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
4-Bromophenyl phenyl ether	101-55-3	**~**	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U
4-Chloroaniline	106-47-8	**5**	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Chlorophenyl phenyl ether	7005-72-3	**~**	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U
4-Nitroaniline	100-01-6	**5**	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Nitrophenol	100-02-7	**~**	ug/l	10	U	10	U	10	U	10	U	10	U	10	U	10	U
Acetophenone	98-86-2	**~**	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	2.4	J
Benzoic Acid	65-85-0	**~**	ug/l	50	U	50	U	50	U	50	U	50	U	50	U	50	U
Benzyl Alcohol	100-51-6	**~**	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Biphenyl	92-52-4	**~**	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	19	
Bis(2-chloroethoxy)methane	111-91-1	**5**	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-chloroethyl)ether	111-44-4	**1**	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bis(2-chloroisopropyl)ether	108-60-1	**5**	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Bis(2-ethylhexyl)phthalate	117-81-7	**5**	ug/l	3	U	3	U	3	U	1.5	J	3	U	3	U	2.4	J
Butyl benzyl phthalate	85-68-7	**50**	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Carbazole	86-74-8	**~**	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	6.1	
Di-n-butylphthalate	84-74-2	**50**	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Di-n-octylphthalate	117-84-0	**50**	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dibenzofuran	132-64-9	**~**	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	3.7	
Diethyl phthalate	84-66-2	**50**	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Dimethyl phthalate	131-11-3	**50**	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Hexachlorocyclopentadiene	77-47-4	**5**	ug/l	20	U	20	U	20	U	20	U	20	U	20	U	20	U
Isophorone	78-59-1	**50**	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
n-Nitrosodi-n-propylamine	621-64-7	**~**	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
NDPA/DPA	86-30-6	**50**	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Nitrobenzene	98-95-3	**0.4**	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U
p-Chloro-m-cresol	59-50-7	**~**	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Phenol	108-95-2	**1**	ug/l	5	U	**1.1**	J	**1.7**	J	5	U	5	U	5	U	**1.2**	J
Semivolatile Organics by GC/MS-SIM																	
2-Chloronaphthalene	91-58-7	**10**	ug/l	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	4	U
2-Methylnaphthalene	91-57-6	**~**	ug/l	0.1	U	0.05	J	0.1	U	0.29		0.1	U	1.2		270	
Acenaphthene	83-32-9	**20**	ug/l	0.1	U	0.05	J	0.1	U	0.04	J	0.1	U	1.4		**83**	
Acenaphthylene	208-96-8	**~**	ug/l	0.1	U	0.04	J	0.1	U	0.1	U	0.1	U	0.79		7.1	
Anthracene	120-12-7	**50**	ug/l	0.1	U	0.04	J	0.1	U	0.1	U	0.1	U	0.92		7.9	
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	**0.04**	J	0.1	U	**0.04**	J	**0.06**	J	**0.04**	J	**0.74**		**2.1**	
Benzo(a)pyrene	50-32-8	**0**	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	**0.64**		**0.84**	J
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	0.1	U	0.1	U	0.1	U	**0.04**	J	0.1	U	**0.6**		**0.76**	J
Benzo(ghi)perylene	191-24-2	**~**	ug/l	0.1	U	0.1	U	0.1	U	0.04	J	0.1	U	0.4		2	U
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	**0.25**		2	U
Chrysene	218-01-9	**0.002**	ug/l	0.1	U	0.1	U	0.1	U	**0.04**	J	0.1	U	**0.8**		**1**	J
Dibenzo(a,h)anthracene	53-70-3	**~**	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.09	J	2	U
Fluoranthene	206-44-0	**50**	ug/l	0.1	U	0.07	J	0.1	U	0.12		0.1	U	2.3		5.1	
Fluorene	86-73-7	**50**	ug/l	0.1	U	0.05	J	0.1	U	0.07	J	0.1	U	1.4		31	
Hexachlorobenzene	118-74-1	**0.04**	ug/l	0.8	U	0.02	J	0.8	U	0.8	U	0.8	U	0.02	J	16	U
Hexachlorobutadiene	87-68-3	**0.5**	ug/l	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	10	U
Hexachloroethane	67-72-1	**5**	ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	16	U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	**0.34**		2	U
Naphthalene	91-20-3	**10**	ug/l	0.04	J	0.1		0.04	J	0.1		0.04	J	**1.7**		**1500**	E
Pentachlorophenol	87-86-5	**1**	ug/l	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	16	U
Phenanthrene	85-01-8	**50**	ug/l	0.1	U	0.09	J	0.1	U	0.25		0.1	U	5.6		42	
Pyrene	129-00-0	**50**	ug/l	0.1	U	0.08	J	0.1	U	0.14		0.1	U	2.9		6.8	

Table 5
Sentinel Well Analytical Results
318 Nevins Street, Brooklyn, NY

LOCATION		NYSDEC TOGS Standards and Guidance Values - GA	Units	HRP-MW-1		NMAW-2A		HRP-MW-3		HRP-MW-5A		HRP-MW-5B		GW-17A		GW-17B	
SAMPLING DATE				3/11/2025		3/13/2025		3/11/2025		3/11/2025		3/11/2025		3/13/2025		3/12/2025	
LAB SAMPLE ID				L2513789-02		L2514391-02		L2513789-01		L2513789-03		L2513789-04		L2514391-01		L2514138-06	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Total Metals																	
Aluminum, Total	7429-90-5	~	ug/l	18.4	J	76.9		2490		852		176		3760		2090	
Antimony, Total	7440-36-0	3	ug/l	20	U	2.65	J	20	U	20	U	20	U	20	U	20	U
Arsenic, Total	7440-38-2	25	ug/l	2.5	U	4.01		2.53		1.98	J	2.5	U	9.09		2.77	
Barium, Total	7440-39-3	1000	ug/l	119.6		73.3		158.5		95.36		53.39		233		144.7	
Beryllium, Total	7440-41-7	3	ug/l	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Cadmium, Total	7440-43-9	5	ug/l	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Calcium, Total	7440-70-2	~	ug/l	74600		139000		183000		148000		104000		245000		155000	
Chromium, Total	7440-47-3	50	ug/l	5	U	1.25	J	6.64		6.65		5	U	7.4		6.41	
Cobalt, Total	7440-48-4	~	ug/l	2.5	U	1.46	J	2.09	J	2.5	U	2.5	U	3.04		1.67	J
Copper, Total	7440-50-8	200	ug/l	5	U	4.78	J	6.14		3.7	J	5	U	17.91		13.09	
Iron, Total	7439-89-6	300	ug/l	120	J	**386**		**28000**		**772**		182	J	**18600**		**4390**	
Lead, Total	7439-92-1	25	ug/l	5	U	2.52	J	12.22		2.37	J	5	U	**43.38**		22.67	
Magnesium, Total	7439-95-4	35000	ug/l	**38200**		**102000**		33600		20300		32300		**47900**		**42900**	
Manganese, Total	7439-96-5	300	ug/l	**4069**		36.61		**7311**		107.8		**330.2**		**1270**		**533.7**	
Mercury, Total	7439-97-6	0.7	ug/l	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.15	J	0.12	J
Nickel, Total	7440-02-0	100	ug/l	10	U	5.16	J	6.1	J	10	U	9.28	J	17.55		15.68	
Potassium, Total	7440-09-7	~	ug/l	18700		42200		35500		45900		13400		34500		55500	
Selenium, Total	7782-49-2	10	ug/l	25	U	8.88	J	25	U	25	U	25	U	25	U	25	U
Silver, Total	7440-22-4	50	ug/l	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Sodium, Total	7440-23-5	20000	ug/l	**102000**		**797000**		**654000**		**156000**		**187000**		**325000**		**443000**	
Thallium, Total	7440-28-0	0.5	ug/l	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Vanadium, Total	7440-62-2	~	ug/l	25	U	25	U	25	U	25	U	25	U	9.75	J	11.79	J
Zinc, Total	7440-66-6	2000	ug/l	19.11	J	27.11	J	24.66	J	50.93		50	U	65.85		62.49	
Volatile Organics by GC/MS																	
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
1,1,1-Trichloroethane	71-55-6	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	12	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	10	U
1,1,2-Trichloroethane	79-00-5	1	ug/l	38	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	30	U
1,1-Dichloroethane	75-34-3	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
1,1-Dichloroethene	75-35-4	5	ug/l	**5.9**	J	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	10	U
1,1-Dichloropropene	563-58-6	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	50	U	2	U	2	U	2	U	2	U	2	U	40	U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	**61**	
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
1,2-Dibromoethane	106-93-4	0.0006	ug/l	50	U	2	U	2	U	2	U	2	U	2	U	40	U
1,2-Dichlorobenzene	95-50-1	3	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
1,2-Dichloroethane	107-06-2	0.6	ug/l	12	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	10	U
1,2-Dichloroethene, Total	540-59-0	~	ug/l	1400		2.5	U	2.5	U	2.8		8		2.5	U	50	U
1,2-Dichloropropane	78-87-5	1	ug/l	25	U	1	U	1	U	1	U	1	U	1	U	20	U
1,3,5-Trimethylbenzene	108-67-8	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	**17**	J
1,3-Dichlorobenzene	541-73-1	3	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
1,3-Dichloropropane	142-28-9	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
1,3-Dichloropropene, Total	542-75-6	~	ug/l	12	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	10	U
1,4-Dichlorobenzene	106-46-7	3	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
1,4-Dioxane	123-91-1		ug/l	6200	U	250	U	250	U	250	U	250	U	250	U	5000	U
2,2-Dichloropropane	594-20-7	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
2-Butanone	78-93-3	50	ug/l	120	U	5	U	5	U	5	U	5	U	5	U	100	U
2-Hexanone	591-78-6	50	ug/l	120	U	5	U	5	U	5	U	5	U	5	U	100	U
4-Methyl-2-pentanone	108-10-1		ug/l	120	U	5	U	5	U	5	U	5	U	5	U	100	U
Acetone	67-64-1	50	ug/l	120	U	5	U	1.7	J	4.4	J	4.2	J	1.7	J	100	U
Acrylonitrile	107-13-1	5	ug/l	120	U	5	U	5	U	5	U	5	U	5	U	100	U
Benzene	71-43-2	1	ug/l	**7**	J	0.5	U	**82**		0.32	J	0.5	U	0.5	U	**55**	
Bromobenzene	108-86-1	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
Bromochloromethane	74-97-5	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
Bromodichloromethane	75-27-4	50	ug/l	12	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	10	U
Bromoform	75-25-2	50	ug/l	50	U	2	U	2	U	2	U	2	U	2	U	40	U
Bromomethane	74-83-9	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
Carbon disulfide	75-15-0	60	ug/l	120	U	5	U	5	U	5	U	5	U	5	U	100	U
Carbon tetrachloride	56-23-5	5	ug/l	12	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	10	U
Chlorobenzene	108-90-7	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
Chloroethane	75-00-3	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
Chloroform	67-66-3	7	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
Chloromethane	74-87-3		ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
cis-1,2-Dichloroethene	156-59-2	5	ug/l	**1400**		2.5	U	2.5	U	2.8		**8**		2.5	U	50	U
cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	12	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	10	U
Dibromochloromethane	124-48-1	50	ug/l	12	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	10	U
Dibromomethane	74-95-3	5	ug/l	120	U	5	U	5	U	5	U	5	U	5	U	100	U
Dichlorodifluoromethane	75-71-8	5	ug/l	120	U	5	U	5	U	5	U	5	U	5	U	100	U
Ethyl ether	60-29-7		ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
Ethylbenzene	100-41-4	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	**350**	
Hexachlorobutadiene	87-68-3	0.5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
Isopropylbenzene	98-82-8	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	**14**	J
Methyl tert butyl ether	1634-04-4	10	ug/l	62	U	6.5		5.2		2.5	U	0.35	J	0.93	J	50	U
Methylene chloride	75-09-2	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
n-Butylbenzene	104-51-8	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
n-Propylbenzene	103-65-1	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
Naphthalene	91-20-3	10	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.3	J	**2900**	
o-Chlorotoluene	95-49-8	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
o-Xylene	95-47-6	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	**110**	
p-Chlorotoluene	106-43-4	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
p-Diethylbenzene	105-05-5		ug/l	50	U	2	U	2	U	2	U	2	U	2	U	16	J
p-Ethyltoluene	622-96-8		ug/l	50	U	2	U	2	U	2	U	2	U	2	U	100	
p-Isopropyltoluene	99-87-6	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
p/m-Xylene	179601-23-1	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	**200**	
sec-Butylbenzene	135-98-8	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
Styrene	100-42-5	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
tert-Butylbenzene	98-06-6	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
Tetrachloroethene	127-18-4	5	ug/l	**10**	J	0.5	U	0.5	U	1.5		**15**		0.5	U	10	U
Toluene	108-88-3	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	**65**	
trans-1,2-Dichloroethene	156-60-5	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	12	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	10	U
trans-1,4-Dichloro-2-butene	110-57-6	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
Trichloroethene	79-01-6	5	ug/l	**2400**		0.5	U	0.5	U	**5.3**		**6.3**		0.5	U	10	U
Trichlorofluoromethane	75-69-4	5	ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	50	U
Vinyl acetate	108-05-4		ug/l	120	U	5	U	5	U	5	U	5	U	5	U	100	U
Vinyl chloride	75-01-4	2	ug/l	**23**	J	1	U	1	U	1	U	0.16	J	1	U	20	U
Xylenes, Total	1330-20-7		ug/l	62	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	310	

* Comparison is not performed on parameters with non-numeric criteria.

NY-AWQS: New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.

Table 5
Sentinel Well Analytical Results
318 Nevins Street, Brooklyn, NY

LOCATION		NYSDEC TOGS Standards and Guidance Values - GA	Units	GW-17B		MW-19A		MW-19B		MW-20A		MW-20B		MW-21A		MW-21B	
SAMPLING DATE				3/12/2025		3/12/2025		3/12/2025		3/12/2025		3/12/2025		3/12/2025		3/11/2025	
LAB SAMPLE ID				L2514138-06 R1		L2514138-05		L2514138-04		L2514138-02		L2514138-03		L2514138-01		L2513789-05	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
1,4 Dioxane by 8270E-SIM																	
1,4-Dioxane	123-91-1	~	ug/l	-	-	0.15	U	0.185		0.209		0.261		0.0846	J	0.257	
Dissolved Metals																	
Aluminum, Dissolved	7429-90-5	~	ug/l	-	-	50	U	50	U	50	U	50	U	50	U	50	U
Antimony, Dissolved	7440-36-0	**3**	ug/l	-	-	20	U	20	U	20	U	20	U	20	U	20	U
Arsenic, Dissolved	7440-38-2	**25**	ug/l	-	-	2.5	U	2.5	U	2.5	U	10.49		0.96	J	2.5	U
Barium, Dissolved	7440-39-3	**1000**	ug/l	-	-	109.2		81.69		75.58		291.8		83.53		39.29	
Beryllium, Dissolved	7440-41-7	**3**	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Cadmium, Dissolved	7440-43-9	**5**	ug/l	-	-	1	U	1	U	1	U	1	U	1	U	1	U
Calcium, Dissolved	7440-70-2	~	ug/l	-	-	128000		135000		170000		76500		196000		113000	
Chromium, Dissolved	7440-47-3	**50**	ug/l	-	-	5	U	9.13		5	U	14.9		5	U	5	U
Cobalt, Dissolved	7440-48-4	~	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Copper, Dissolved	7440-50-8	**200**	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
Iron, Dissolved	7439-89-6	**300**	ug/l	-	-	**3760**		**3190**		250	U	**4920**		250	U	250	U
Lead, Dissolved	7439-92-1	**25**	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
Magnesium, Dissolved	7439-95-4	**35000**	ug/l	-	-	11500		**35700**		**43000**		30400		**40600**		**35200**	
Manganese, Dissolved	7439-96-5	**300**	ug/l	-	-	**1187**		**1398**		**952.4**		**2306**		273.6		25.24	
Mercury, Dissolved	7439-97-6	**0.7**	ug/l	-	-	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Nickel, Dissolved	7440-02-0	**100**	ug/l	-	-	3.52	J	4.2	J	4.46	J	7.6	J	4.91	J	7.94	J
Potassium, Dissolved	7440-09-7	~	ug/l	-	-	11200		22400		37800		22800		25600		14300	
Selenium, Dissolved	7782-49-2	**10**	ug/l	-	-	25	U	25	U	25	U	25	U	25	U	25	U
Silver, Dissolved	7440-22-4	**50**	ug/l	-	-	2	U	2	U	2	U	2	U	2	U	2	U
Sodium, Dissolved	7440-23-5	**20000**	ug/l	-	-	**189000**		**222000**		**205000**		**162000**		**226000**		**142000**	
Thallium, Dissolved	7440-28-0	**0.5**	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
Vanadium, Dissolved	7440-62-2	~	ug/l	-	-	25	U	25	U	25	U	25	U	25	U	25	U
Zinc, Dissolved	7440-66-6	**2000**	ug/l	-	-	50	U	50	U	50	U	50	U	50	U	50	U
General Chemistry		~															
Chloride	16887-00-6	**250000**	ug/l	-	-	**340000**		**390000**		**300000**		**280000**		**500000**		240000	
Chromium, Hexavalent	18540-29-9	**50**	ug/l	-	-	10	U	10	U	10	U	10	U	10	U	10	U
Chromium, Hexavalent (Unfiltered)	18540-29-9	~	ug/l	-	-	5	J	8	J	7	J	5	J	10	U	10	U
Cyanide, Total	57-12-5	**200**	ug/l	-	-	4	J	6		4	J	1	J	5	U	5	U
Solids, Total	NONE	~	ug/l	-	-	1000000		1400000		1500000		940000		1700000		900000	
Organochlorine Pesticides by GC																	
4,4'-DDD	72-54-8	**0.3**	ug/l	-	-	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
4,4'-DDE	72-55-9	**0.2**	ug/l	-	-	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
4,4'-DDT	50-29-3	**0.2**	ug/l	-	-	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Aldrin	309-00-2	**0**	ug/l	-	-	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Alpha-BHC	319-84-6	**0.01**	ug/l	-	-	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Beta-BHC	319-85-7	**0.04**	ug/l	-	-	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Chlordane	57-74-9	**0.05**	ug/l	-	-	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U
cis-Chlordane	5103-71-9	~	ug/l	-	-	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Delta-BHC	319-86-8	**0.04**	ug/l	-	-	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Dieldrin	60-57-1	**0.004**	ug/l	-	-	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Endosulfan I	959-98-8	~	ug/l	-	-	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Endosulfan II	33213-65-9	~	ug/l	-	-	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Endosulfan sulfate	1031-07-8	~	ug/l	-	-	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Endrin	72-20-8	**0**	ug/l	-	-	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Endrin aldehyde	7421-93-4	**5**	ug/l	-	-	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U	0.03	U
Endrin ketone	53494-70-5	**5**	ug/l	-	-	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U
Heptachlor	76-44-8	**0.04**	ug/l	-	-	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Heptachlor epoxide	1024-57-3	**0.03**	ug/l	-	-	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Lindane	58-89-9	**0.05**	ug/l	-	-	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U
Methoxychlor	72-43-5	**35**	ug/l	-	-	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U
Toxaphene	8001-35-2	**0.06**	ug/l	-	-	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
trans-Chlordane	5103-74-2	~	ug/l	-	-	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U	0.02	U
Perfluorinated Alkyl Acids by EPA 1633																	
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic A	763051-92-9	~	ug/l	-	-	0.00618	U	0.00591	U	0.00616	U	0.00617	U	0.00595	U	0.00622	U
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	39108-34-4	~	ug/l	-	-	0.00618	U	0.00591	U	0.00616	U	0.00617	U	0.00595	U	0.00622	U
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	757124-72-4	~	ug/l	-	-	0.00618	U	0.00591	U	0.00616	U	0.00617	U	0.00595	U	0.00622	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	27619-97-2	~	ug/l	-	-	0.00618	U	0.00591	U	0.00616	U	0.00617	U	0.00595	U	0.00622	U
2H,2H,3H,3H-Perfluorooctanoic Acid (5:3FTCA)	914637-49-3	~	ug/l	-	-	0.0386	U	0.0369	U	0.0385	U	0.0386	U	0.0372	U	0.0389	U
3-Perfluoroheptyl Propanoic Acid (7:3FTCA)	812-70-4	~	ug/l	-	-	0.0386	U	0.0369	U	0.0385	U	0.0386	U	0.0372	U	0.0389	U
3-Perfluoropropyl Propanoic Acid (3:3FTCA)	356-02-5	~	ug/l	-	-	0.00772	U	0.00738	U	0.0077	U	0.00772	U	0.00744	U	0.00778	U
4,8-Dioxa-3h-Perfluorononanoic Acid (ADONA)	919005-14-4	~	ug/l	-	-	0.00618	U	0.00591	U	0.00616	U	0.00617	U	0.00595	U	0.00622	U
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	756426-58-1	~	ug/l	-	-	0.00618	U	0.00591	U	0.00616	U	0.00617	U	0.00595	U	0.00622	U
Hexafluoropropylene Oxide Dimer Acid (HFPO-DA)	13252-13-6	~	ug/l	-	-	0.00618	U	0.00591	U	0.00616	U	0.00617	U	0.00158	J	0.00622	U
N-Ethyl Perfluorooctane Sulfonamide (NEtFOSA)	4151-50-2	~	ug/l	-	-	0.00154	U	0.00148	U	0.00154	U	0.00154	U	0.00149	U	0.00156	U
N-Ethyl Perfluorooctanesulfonamido Ethanol (NEtFO	1691-99-2	~	ug/l	-	-	0.0154	U	0.0148	U	0.0154	U	0.0154	U	0.0149	U	0.0156	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NE	2991-50-6	~	ug/l	-	-	0.00154	U	0.00148	U	0.00154	U	0.00154	U	0.00149	U	0.00156	U
N-Methyl Perfluorooctane Sulfonamide (NMeFOSA)	31506-32-8	~	ug/l	-	-	0.00154	U	0.00148	U	0.00154	U	0.00154	U	0.00149	U	0.00156	U
N-Methyl Perfluorooctanesulfonamido Ethanol (NM	24448-09-7	~	ug/l	-	-	0.0154	U	0.0148	U	0.0154	U	0.0154	U	0.0149	U	0.0156	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (N	2355-31-9	~	ug/l	-	-	0.00154	U	0.00148	U	0.00154	U	0.00154	U	0.00149	U	0.00156	U
Nonafluoro-3,6-Dioxaheptanoic Acid (NFDHA)	151772-58-6	~	ug/l	-	-	0.00309	U	0.00295	U	0.00308	U	0.00309	U	0.00298	U	0.00311	U
Perfluoro(2-Ethoxyethane)Sulfonic Acid (PFEESA)	113507-82-7	~	ug/l	-	-	0.00309	U	0.00295	U	0.00308	U	0.00309	U	0.00298	U	0.00311	U
Perfluoro-3-Methoxypropanoic Acid (PFMPA)	377-73-1	~	ug/l	-	-	0.00309	U	0.00295	U	0.00308	U	0.00309	U	0.00298	U	0.00311	U
Perfluoro-4-Methoxybutanoic Acid (PFMBA)	863090-89-5	~	ug/l	-	-	0.00309	U	0.00295	U	0.00308	U	0.00309	U	0.00298	U	0.00311	U
Perfluorobutanesulfonic Acid (PFBS)	375-73-5	~	ug/l	-	-	0.00599		0.0045		0.00374		0.00481		0.00716		0.00851	
Perfluorobutanoic Acid (PFBA)	375-22-4	~	ug/l	-	-	0.0228		0.0131		0.0187		0.0121		0.0291		0.0147	
Perfluorodecanesulfonic Acid (PFDS)	335-77-3	~	ug/l	-	-	0.00154	U	0.00148	U	0.00154	U	0.00154	U	0.00149	U	0.00156	U
Perfluorodecanoic Acid (PFDA)	335-76-2	~	ug/l	-	-	0.00154	U	0.00034	J	0.000231	J	0.00154	U	0.000975	J	0.000544	J
Perfluorododecanesulfonic Acid (PFDoS)	79780-39-5	~	ug/l	-	-	0.00154	U	0.00148	U	0.00154	U	0.00154	U	0.00149	U	0.00156	U
Perfluorododecanoic Acid (PFDoA)	307-55-1	~	ug/l	-	-	0.00154	U	0.00148	U	0.00154	U	0.00154	U	0.00149	U	0.00156	U
Perfluoroheptanesulfonic Acid (PFHpS)	375-92-8	~	ug/l	-	-	0.000386	J	0.000414	J	0.00154	U	0.000363	JF	0.00149	U	0.00028	J
Perfluoroheptanoic Acid (PFHpA)	375-85-9	~	ug/l	-	-	0.00356		0.0052		0.00821		0.0112		0.0124		0.00708	
Perfluorohexanesulfonic Acid (PFHxS)	355-46-4	~	ug/l	-	-	0.0216		0.0326		0.00563		0.00478		0.0042		0.00316	
Perfluorohexanoic Acid (PFHxA)	307-24-4	~	ug/l	-	-	0.0272		0.0118		0.0137		0.012		0.0302		0.00975	
Perfluorononanesulfonic Acid (PFNS)	68259-12-1	~	ug/l	-	-	0.00154	U	0.00148	U	0.00154	U	0.00154	U	0.00149	U	0.00156	U
Perfluorononanoic Acid (PFNA)	375-95-1	~	ug/l	-	-	0.00343		0.00193		0.00106	J	0.00209		0.00205		0.00142	J
Perfluorooctanesulfonamide (PFOSA)	754-91-6	~	ug/l	-	-	0.00154	U	0.00148	U	0.00154	U	0.00154	U	0.00149	U	0.00156	U
Perfluorooctanesulfonic Acid (PFOS)	1763-23-1	**0.0027**	ug/l	-	-	**0.0265**		**0.014**		**0.00522**		**0.0151**		**0.0146**		**0.00949**	
Perfluorooctanoic Acid (PFOA)	335-67-1	**0.0067**	ug/l	-	-	**0.0105**		**0.0323**		**0.0264**		**0.0789**		**0.0322**		**0.0722**	
Perfluoropentanesulfonic Acid (PFPeS)	2706-91-4	~	ug/l	-	-	0.00034	J	0.00079	J	0.00154	U	0.00091	J	0.000565	J	0.000653	J
Perfluoropentanoic Acid (PFPeA)	2706-90-3	~	ug/l	-	-	0.0274		0.0117		0.014		0.0133		0.0342		0.0121	
Perfluorotetradecanoic Acid (PFTeDA)	376-06-7	~	ug/l	-	-	0.00154	U	0.00148	U	0.00154	U	0.00154	U	0.00149	U	0.00156	U
Perfluorotridecanoic Acid (PFTrDA)	72629-94-8	~	ug/l	-	-	0.00154	U	0.00148	U	0.00154	U	0.00154	U	0.00149	U	0.00156	U
Perfluoroundecanoic Acid (PFUnA)	2058-94-8	~	ug/l	-	-	0.00154	U	0.00148	U	0.00154	U	0.00154	U	0.00149	U	0.00156	U

Table 5
Sentinel Well Analytical Results
318 Nevins Street, Brooklyn, NY

LOCATION		NYSDEC TOGS Standards and Guidance Values - GA	Units	GW-17B		MW-19A		MW-19B		MW-20A		MW-20B		MW-21A		MW-21B	
SAMPLING DATE				3/12/2025		3/12/2025		3/12/2025		3/12/2025		3/12/2025		3/12/2025		3/11/2025	
LAB SAMPLE ID				L2514138-06 R1		L2514138-05		L2514138-04		L2514138-02		L2514138-03		L2514138-01		L2513789-05	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results		Results	Qual
Polychlorinated Biphenyls by GC																	
Aroclor 1016	12674-11-2	**0.09**	ug/l	-	-	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1221	11104-28-2	**0.09**	ug/l	-	-	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1232	11141-16-5	**0.09**	ug/l	-	-	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1242	53469-21-9	**0.09**	ug/l	-	-	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.058	JP
Aroclor 1248	12672-29-6	**0.09**	ug/l	-	-	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1254	11097-69-1	**0.09**	ug/l	-	-	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1260	11096-82-5	**0.09**	ug/l	-	-	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1262	37324-23-5	**0.09**	ug/l	-	-	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U
Aroclor 1268	11100-14-4	**0.09**	ug/l	-	-	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.03	J
PCBs, Total	1336-36-3		ug/l	-	-	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.088	J
Semivolatile Organics by GC/MS																	
1,2,4,5-Tetrachlorobenzene	95-94-3	**5**	ug/l	-	-	10	U	10	U	10	U	10	U	10	U	10	U
1,2,4-Trichlorobenzene	120-82-1	**5**	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
1,2-Dichlorobenzene	95-50-1	**3**	ug/l	-	-	2	U	2	U	2	U	2	U	2	U	2	U
1,3-Dichlorobenzene	541-73-1	**3**	ug/l	-	-	2	U	2	U	2	U	2	U	2	U	2	U
1,4-Dichlorobenzene	106-46-7	**3**	ug/l	-	-	2	U	2	U	2	U	2	U	2	U	2	U
2,4,5-Trichlorophenol	95-95-4	**~**	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
2,4,6-Trichlorophenol	88-06-2	**~**	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dichlorophenol	120-83-2	**1**	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dimethylphenol	105-67-9	**50**	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
2,4-Dinitrophenol	51-28-5	**10**	ug/l	-	-	20	U	20	U	20	U	20	U	20	U	20	U
2,4-Dinitrotoluene	121-14-2	**5**	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
2,6-Dinitrotoluene	606-20-2	**5**	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
2-Chlorophenol	95-57-8	**~**	ug/l	-	-	2	U	2	U	2	U	2	U	2	U	2	U
2-Methylphenol	95-48-7	**~**	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
2-Nitroaniline	88-74-4	**5**	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
2-Nitrophenol	88-75-5	**~**	ug/l	-	-	10	U	10	U	10	U	10	U	10	U	10	U
3,3'-Dichlorobenzidine	91-94-1	**5**	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
3-Methylphenol/4-Methylphenol	108-39-4/106-44-	**~**	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
3-Nitroaniline	99-09-2	**5**	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
4,6-Dinitro-o-cresol	534-52-1	**~**	ug/l	-	-	10	U	10	U	10	U	10	U	10	U	10	U
4-Bromophenyl phenyl ether	101-55-3	**~**	ug/l	-	-	2	U	2	U	2	U	2	U	2	U	2	U
4-Chloroaniline	106-47-8	**5**	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
4-Chlorophenyl phenyl ether	7005-72-3	**~**	ug/l	-	-	2	U	2	U	2	U	2	U	2	U	2	U
4-Nitroaniline	100-01-6	**5**	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
4-Nitrophenol	100-02-7	**~**	ug/l	-	-	10	U	10	U	10	U	10	U	10	U	10	U
Acetophenone	98-86-2	**~**	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
Benzoic Acid	65-85-0	**~**	ug/l	-	-	50	U	50	U	50	U	50	U	50	U	50	U
Benzyl Alcohol	100-51-6	**~**	ug/l	-	-	2	U	2	U	2	U	2	U	2	U	2	U
Biphenyl	92-52-4	**~**	ug/l	-	-	2	U	2	U	2	U	2	U	2	U	2	U
Bis(2-chloroethoxy)methane	111-91-1	**5**	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
Bis(2-chloroethyl)ether	111-44-4	**1**	ug/l	-	-	2	U	2	U	2	U	2	U	2	U	2	U
Bis(2-chloroisopropyl)ether	108-60-1	**5**	ug/l	-	-	2	U	2	U	2	U	2	U	2	U	2	U
Bis(2-ethylhexyl)phthalate	117-81-7	**5**	ug/l	-	-	3	U	3	U	3	U	3	U	3	U	3	U
Butyl benzyl phthalate	85-68-7	**50**	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
Carbazole	86-74-8	**~**	ug/l	-	-	2	U	2	U	2	U	2	U	2	U	2	U
Di-n-butylphthalate	84-74-2	**50**	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
Di-n-octylphthalate	117-84-0	**50**	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
Dibenzofuran	132-64-9	**~**	ug/l	-	-	2	U	2	U	2	U	2	U	2	U	2	U
Diethyl phthalate	84-66-2	**50**	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
Dimethyl phthalate	131-11-3	**50**	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
Hexachlorocyclopentadiene	77-47-4	**5**	ug/l	-	-	20	U	20	U	20	U	20	U	20	U	20	U
Isophorone	78-59-1	**50**	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
n-Nitrosodi-n-propylamine	621-64-7	**~**	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
NDPA/DPA	86-30-6	**50**	ug/l	-	-	2	U	2	U	2	U	2	U	2	U	2	U
Nitrobenzene	98-95-3	**0.4**	ug/l	-	-	2	U	2	U	2	U	2	U	2	U	2	U
p-Chloro-m-cresol	59-50-7	**~**	ug/l	-	-	2	U	2	U	2	U	2	U	2	U	2	U
Phenol	108-95-2	**1**	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	**1**	J
Semivolatile Organics by GC/MS-SIM																	
2-Chloronaphthalene	91-58-7	**10**	ug/l	-	-	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
2-Methylnaphthalene	91-57-6	**~**	ug/l	-	-	0.1	U	0.03	J	0.1	U	0.1	U	0.1	U	0.1	U
Acenaphthene	83-32-9	**20**	ug/l	-	-	0.1	U	0.1	U	0.19		0.1	U	0.1	U	0.1	U
Acenaphthylene	208-96-8	**~**	ug/l	-	-	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Anthracene	120-12-7	**50**	ug/l	-	-	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(a)anthracene	56-55-3	**0.002**	ug/l	-	-	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	**0.03**	J
Benzo(a)pyrene	50-32-8	**0**	ug/l	-	-	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(b)fluoranthene	205-99-2	**0.002**	ug/l	-	-	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(ghi)perylene	191-24-2	**~**	ug/l	-	-	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Benzo(k)fluoranthene	207-08-9	**0.002**	ug/l	-	-	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Chrysene	218-01-9	**0.002**	ug/l	-	-	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Dibenzo(a,h)anthracene	53-70-3	**~**	ug/l	-	-	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Fluoranthene	206-44-0	**50**	ug/l	-	-	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Fluorene	86-73-7	**50**	ug/l	-	-	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Hexachlorobenzene	118-74-1	**0.04**	ug/l	-	-	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Hexachlorobutadiene	87-68-3	**0.5**	ug/l	-	-	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Hexachloroethane	67-72-1	**5**	ug/l	-	-	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Indeno(1,2,3-cd)pyrene	193-39-5	**0.002**	ug/l	-	-	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Naphthalene	91-20-3	**10**	ug/l	**1600**		0.15		0.15		0.06	J	0.02	J	0.17		0.1	U
Pentachlorophenol	87-86-5	**1**	ug/l	-	-	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U
Phenanthrene	85-01-8	**50**	ug/l	-	-	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
Pyrene	129-00-0	**50**	ug/l	-	-	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U

Table 5
Sentinel Well Analytical Results
318 Nevins Street, Brooklyn, NY

LOCATION		NYSDEC TOGS Standards and Guidance Values - GA	Units	GW-17B		MW-19A		MW-19B		MW-20A		MW-20B		MW-21A		MW-21B	
SAMPLING DATE				3/12/2025		3/12/2025		3/12/2025		3/12/2025		3/12/2025		3/12/2025		3/11/2025	
LAB SAMPLE ID				L2514138-06 R1		L2514138-05		L2514138-04		L2514138-02		L2514138-03		L2514138-01		L2513789-05	
SAMPLE TYPE				WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	CasNum			Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results		Results	Qual
Total Metals																	
Aluminum, Total	7429-90-5	~	ug/l	-	-	46.1	J	128		155		24.1	J	42.6	J	42.5	J
Antimony, Total	7440-36-0	3	ug/l	-	-	20	U	20	U	20	U	20	U	20	U	20	U
Arsenic, Total	7440-38-2	25	ug/l	-	-	2.5	U	2.5	U	0.99	J	26.37		1.41	J	2.5	U
Barium, Total	7440-39-3	1000	ug/l	-	-	165.8		162.6		131.6		385.6		94.31		44.48	
Beryllium, Total	7440-41-7	3	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Cadmium, Total	7440-43-9	5	ug/l	-	-	1	U	1	U	1	U	1	U	1	U	1	U
Calcium, Total	7440-70-2	~	ug/l	-	-	130000		140000		183000		81600		233000		111000	
Chromium, Total	7440-47-3	50	ug/l	-	-	5	U	5	U	1.21	J	5	U	5	U	5	U
Cobalt, Total	7440-48-4	~	ug/l	-	-	2.5	U	2.5	U	2.5	U	1.09	J	2.5	U	2.5	U
Copper, Total	7440-50-8	200	ug/l	-	-	5	U	5	U	5	U	5	U	2.78	J	5	U
Iron, Total	7439-89-6	300	ug/l	-	-	10500		16200		3930		11700		221	J	250	U
Lead, Total	7439-92-1	25	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
Magnesium, Total	7439-95-4	35000	ug/l	-	-	12100		37200		48300		32700		49800		36500	
Manganese, Total	7439-96-5	300	ug/l	-	-	1376		1660		1180		2706		318.1		31.54	
Mercury, Total	7439-97-6	0.7	ug/l	-	-	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U
Nickel, Total	7440-02-0	100	ug/l	-	-	10	U	10	U	10	U	4.92	J	3.27	J	6.13	J
Potassium, Total	7440-09-7	~	ug/l	-	-	10900		21900		38300		22700		31500		13600	
Selenium, Total	7782-49-2	10	ug/l	-	-	25	U	25	U	25	U	25	U	25	U	25	U
Silver, Total	7440-22-4	50	ug/l	-	-	2	U	2	U	2	U	2	U	2	U	2	U
Sodium, Total	7440-23-5	20000	ug/l	-	-	195000		224000		219000		174000		287000		158000	
Thallium, Total	7440-28-0	0.5	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
Vanadium, Total	7440-62-2	~	ug/l	-	-	25	U	25	U	25	U	25	U	25	U	25	U
Zinc, Total	7440-66-6	2000	ug/l	-	-	17.95	J	18.84	J	19.53	J	17.41	J	17.6	J	50	U
Volatile Organics by GC/MS																	
1,1,1,2-Tetrachloroethane	630-20-6	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1,1-Trichloroethane	71-55-6	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1,2,2-Tetrachloroethane	79-34-5	5	ug/l	-	-	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	79-00-5	1	ug/l	-	-	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
1,1-Dichloroethane	75-34-3	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	75-35-4	5	ug/l	-	-	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.25	J
1,1-Dichloropropene	563-58-6	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichlorobenzene	87-61-6	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichloropropane	96-18-4	0.04	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4,5-Tetramethylbenzene	95-93-2	5	ug/l	-	-	2	U	2	U	2	U	2	U	2	U	2	U
1,2,4-Trichlorobenzene	120-82-1	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	95-63-6	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-chloropropane	96-12-8	0.04	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	106-93-4	0.0006	ug/l	-	-	2	U	2	U	2	U	2	U	2	U	2	U
1,2-Dichlorobenzene	95-50-1	3	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	107-06-2	0.6	ug/l	-	-	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloroethene, Total	540-59-0	~	ug/l	-	-	2.5	U	1.1	J	2.5	U	27		2.5	U	3	
1,2-Dichloropropane	78-87-5	1	ug/l	-	-	1	U	1	U	1	U	1	U	1	U	1	U
1,3,5-Trimethylbenzene	108-67-8	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichlorobenzene	541-73-1	3	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichloropropane	142-28-9	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichloropropene, Total	542-75-6	~	ug/l	-	-	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,4-Dichlorobenzene	106-46-7	3	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	123-91-1		ug/l	-	-	250	U	250	U	250	U	250	U	250	U	250	U
2,2-Dichloropropane	594-20-7	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2-Butanone	78-93-3	50	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
2-Hexanone	591-78-6	50	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
4-Methyl-2-pentanone	108-10-1		ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
Acetone	67-64-1	50	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
Acrylonitrile	107-13-1	5	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
Benzene	71-43-2	1	ug/l	-	-	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromobenzene	108-86-1	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromochloromethane	74-97-5	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	75-27-4	50	ug/l	-	-	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Bromoform	75-25-2	50	ug/l	-	-	2	U	2	U	2	U	2	U	2	U	2	U
Bromomethane	74-83-9	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Carbon disulfide	75-15-0	60	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
Carbon tetrachloride	56-23-5	5	ug/l	-	-	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	108-90-7	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroethane	75-00-3	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	67-66-3	7	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	74-87-3		ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	156-59-2	5	ug/l	-	-	2.5	U	1.1	J	2.5	U	27		2.5	U	3	
cis-1,3-Dichloropropene	10061-01-5	0.4	ug/l	-	-	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromochloromethane	124-48-1	50	ug/l	-	-	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Dibromomethane	74-95-3	5	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
Dichlorodifluoromethane	75-71-8	5	ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
Ethyl ether	60-29-7		ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Ethylbenzene	100-41-4	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Hexachlorobutadiene	87-68-3	0.5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	98-82-8	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Methyl tert butyl ether	1634-04-4	10	ug/l	-	-	2.5	U	2.5	U	2.5	U	0.26	J	2.5	U	0.54	J
Methylene chloride	75-09-2	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
n-Butylbenzene	104-51-8	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
n-Propylbenzene	103-65-1	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Naphthalene	91-20-3	10	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
o-Chlorotoluene	95-49-8	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	95-47-6	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p-Chlorotoluene	106-43-4	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p-Diethylbenzene	105-05-5		ug/l	-	-	2	U	2	U	2	U	2	U	2	U	2	U
p-Ethyltoluene	622-96-8		ug/l	-	-	2	U	2	U	2	U	2	U	2	U	2	U
p-Isopropyltoluene	99-87-6	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p/m-Xylene	179601-23-1	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
sec-Butylbenzene	135-98-8	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Styrene	100-42-5	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
tert-Butylbenzene	98-06-6	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Tetrachloroethene	127-18-4	5	ug/l	-	-	0.5	U	0.27	J	0.84		0.5	U	0.2	J	38	
Toluene	108-88-3	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,2-Dichloroethene	156-60-5	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,3-Dichloropropene	10061-02-6	0.4	ug/l	-	-	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,4-Dichloro-2-butene	110-57-6	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	79-01-6	5	ug/l	-	-	0.5	U	0.21	J	0.46	J	0.6		0.36	J	4.2	
Trichlorofluoromethane	75-69-4	5	ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl acetate	108-05-4		ug/l	-	-	5	U	5	U	5	U	5	U	5	U	5	U
Vinyl chloride	75-01-4	2	ug/l	-	-	1	U	0.58	J	1	U	3.5		1	U	0.11	J
Xylenes, Total	1330-20-7		ug/l	-	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U

* Comparison is not performed on parameters with non-numeric criteria.

NY-AWQS: New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to c

Table 6
Remedial Investigation Soil Vapor Results Table
318 Nevins Street, Brooklyn, NY

Sample ID		Units	NYSDOH Matrices Soil Vapor (A-F)	SV-DUP		SV-4		SV-5		SV-6		SV-7		SV-8	
York ID				22J0380-01		22J0380-02		22J0380-05		22J0380-06		22J0380-03		22J0380-04	
Sampling Date				10/6/2022 2:09:00 PM		10/6/2022 1:05:00 PM		10/6/2022 3:24:00 PM		10/6/2022 3:25:00 PM		10/6/2022 3:21:00 PM		10/6/2022 3:22:00 PM	
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															
1,1,1,2-Tetrachloroethane	630-20-6	ug/m3	~	13.724	U	13.724	U	6.794	U	4.735	U	4.804	U	6.862	U
1,1,1-Trichloroethane	71-55-6	ug/m3	100	10.908	U	10.908	U	5.400	U	**17.999**	D	3.818	U	**5.454**	D
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3	~	13.724	U	13.724	U	6.794	U	4.735	U	4.804	U	6.862	U
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	ug/m3	~	15.321	U	15.321	U	7.584	U	5.286	U	5.362	U	7.661	U
1,1,2-Trichloroethane	79-00-5	ug/m3	~	10.908	U	10.908	U	5.400	U	3.763	U	3.818	U	5.454	U
1,1-Dichloroethane	75-34-3	ug/m3	6	8.092	U	8.092	U	4.005	U	2.792	U	2.832	U	4.046	U
1,1-Dichloroethylene	75-35-4	ug/m3	~	2.021	U	1.982	U	0.991	U	0.674	U	0.674	U	0.991	U
1,2,4-Trichlorobenzene	120-82-1	ug/m3	~	14.836	U	14.836	U	7.344	U	5.119	U	5.193	U	7.418	U
1,2,4-Trimethylbenzene	95-63-6	ug/m3	60	**17.198**	D	**9.827**	D	**23.095**	D	3.390	U	**34.396**	D	**17.689**	D
1,2-Dibromoethane	106-93-4	ug/m3	~	15.361	U	15.361	U	7.603	U	5.299	U	5.376	U	7.680	U
1,2-Dichlorobenzene	95-50-1	ug/m3	~	12.020	U	12.020	U	5.950	U	4.147	U	4.207	U	6.010	U
1,2-Dichloroethane	107-06-2	ug/m3	~	8.091	U	8.091	U	4.005	U	2.791	U	2.832	U	4.045	U
1,2-Dichloropropane	78-87-5	ug/m3	~	9.238	U	9.238	U	4.573	U	3.187	U	3.233	U	4.619	U
1,2-Dichlorotetrafluoroethane	76-14-2	ug/m3	~	13.975	U	13.975	U	6.918	U	4.822	U	4.891	U	6.988	U
1,3,5-Trimethylbenzene	108-67-8	ug/m3	60	**9.828**	J	9.828	U	**6.880**	D	3.391	U	**9.828**	D	**5.406**	D
1,3-Butadiene	106-99-0	ug/m3	~	13.489	U	13.268	U	6.634	U	4.644	U	**4.644**	J	6.634	U
1,3-Dichlorobenzene	541-73-1	ug/m3	~	12.020	U	12.020	U	5.950	U	4.147	U	4.207	U	6.010	U
1,3-Dichloropropane	142-28-9	ug/m3	~	9.239	U	9.239	U	4.573	U	3.187	U	3.234	U	4.619	U
1,4-Dichlorobenzene	106-46-7	ug/m3	~	12.020	U	12.020	U	5.950	U	4.147	U	4.207	U	6.010	U
1,4-Dioxane	123-91-1	ug/m3	~	14.767	U	14.407	U	7.204	U	5.043	U	5.043	U	7.204	U
2-Butanone	78-93-3	ug/m3	~	**854.943**	D	**471.693**	D	**854.943**	D	**17.394**	D	**442.212**	D	**854.943**	D
2-Hexanone	591-78-6	ug/m3	~	69.612	D	40.948	D	85.992	D	5.733	U	102.371	D	73.707	D
3-Chloropropene	107-05-1	ug/m3	~	31.288	U	30.975	U	15.331	U	10.951	U	10.951	U	15.644	U
4-Methyl-2-pentanone	108-10-1	ug/m3	~	10.237	D	12.285	D	21.293	D	2.825	U	36.444	D	8.599	D
Acetone	67-64-1	ug/m3	~	**4,748.978**	D	**4,511.529**	D	**6,886.018**	D	**54.613**	D	**6,886.018**	D	**7,360.916**	D
Acrylonitrile	107-13-1	ug/m3	~	4.339	U	4.339	U	2.148	U	1.497	U	1.518	U	2.169	U
Benzene	71-43-2	ug/m3	60	**11.815**	D	12.774	D	**26.186**	D	2.203	U	**24.589**	D	**13.412**	D
Benzyl chloride	100-44-7	ug/m3	~	10.350	U	10.350	U	5.123	U	3.571	U	3.622	U	5.175	U
Bromodichloromethane	75-27-4	ug/m3	~	13.393	U	13.393	U	6.630	U	4.621	U	4.688	U	6.697	U
Bromoform	75-25-2	ug/m3	~	20.665	U	20.665	U	10.229	U	7.129	U	7.233	U	10.332	U
Bromomethane	74-83-9	ug/m3	~	7.763	U	7.763	U	3.843	U	2.678	U	2.717	U	3.881	U
Carbon disulfide	75-15-0	ug/m3	~	**9.650**	D	6.226	U	**26.770**	D	2.148	U	**31.128**	D	3.113	U
Carbon tetrachloride	56-23-5	ug/m3	6	3.207	U	3.144	U	1.572	U	1.069	U	1.069	U	1.572	U
Chlorobenzene	108-90-7	ug/m3	~	9.204	U	9.204	U	4.556	U	3.175	U	3.221	U	4.602	U
Chloroethane	75-00-3	ug/m3	~	5.275	U	5.275	U	2.611	U	1.820	U	1.846	U	2.637	U
Chloroform	67-66-3	ug/m3	~	9.761	U	9.761	U	**17.570**	D	3.368	U	**4.783**	D	**24.403**	D
Chloromethane	74-87-3	ug/m3	~	4.128	U	4.128	U	**2.683**	D	**1.858**	D	**3.509**	D	**3.509**	D
cis-1,2-Dichloroethylene	156-59-2	ug/m3	6	**5.548**	D	**3.171**	D	0.991	U	0.674	U	0.674	U	0.991	U
cis-1,3-Dichloropropylene	10061-01-5	ug/m3	~	9.074	U	9.074	U	4.491	U	3.130	U	3.176	U	4.537	U
Cyclohexane	110-82-7	ug/m3	60	**17.548**	D	**13.075**	D	**15.827**	D	2.374	U	**29.590**	D	**4.129**	D
Dibromochloromethane	124-48-1	ug/m3	~	17.030	U	17.030	U	8.430	U	5.875	U	5.961	U	8.515	U
Dichlorodifluoromethane	75-71-8	ug/m3	~	9.886	U	9.886	U	**108.750**	D	3.411	U	93.920	D	4.943	U
Ethyl acetate	141-78-6	ug/m3	~	14.767	U	14.407	U	7.204	U	5.043	U	5.043	U	7.204	U
Ethyl Benzene	100-41-4	ug/m3	**60**	**42.537**	D	**33.856**	D	**60.768**	D	2.995	U	**56.427**	D	**47.746**	D
Hexachlorobutadiene	87-68-3	ug/m3	~	21.321	U	21.321	U	10.554	U	7.356	U	7.462	U	10.661	U
Isopropanol	67-63-0	ug/m3	~	**44.227**	BD	**41.770**	BD	**191.652**	BD	**15.480**	BD	**58.970**	BD	**115.482**	BD
Methyl Methacrylate	80-62-6	ug/m3	~	8.185	U	8.185	U	4.051	U	2.824	U	2.865	U	4.092	U
Methyl tert-butyl ether (MTBE)	1634-04-4	ug/m3	~	7.208	U	7.208	U	3.568	U	2.487	U	2.523	U	3.604	U
Methylene chloride	75-09-2	ug/m3	100	**14.236**	J	**15.278**	D	**21.180**	D	4.861	J	**19.444**	D	**15.625**	D
n-Heptane	142-82-5	ug/m3	200	**34.414**	D	**29.498**	D	**57.357**	D	2.827	U	**61.453**	D	**31.136**	D
n-Hexane	110-54-3	ug/m3	200	**34.528**	D	**26.072**	D	**52.850**	D	2.431	U	**63.419**	D	**19.026**	D
o-Xylene	95-47-6	ug/m3	**60**	**43.401**	D	**32.117**	D	**60.762**	D	2.995	U	**65.102**	D	**47.742**	D
p- & m- Xylenes	179601-23-1	ug/m3	**200**	**160.585**	D	**112.844**	D	**208.327**	D	6.076	U	**221.348**	D	**177.946**	D
p-Ethyltoluene	622-96-8	ug/m3	~	**24.079**	D	**14.742**	D	**31.451**	D	3.391	U	**39.805**	D	**26.045**	D
Propylene	115-07-1	ug/m3	~	**412.886**	D	**258.054**	D	**118.705**	D	**8.430**	D	**137.629**	D	**103.222**	D
Styrene	100-42-5	ug/m3	~	8.516	U	8.516	U	4.215	U	2.938	U	2.981	U	4.258	U
Tetrachloroethylene	127-18-4	ug/m3	**100**	**318.643**	D	**257.626**	D	**549.151**	D	4.678	J	**583.049**	D	**813.557**	D
Tetrahydrofuran	109-99-9	ug/m3	~	12.087	U	11.792	U	**16.214**	D	4.127	U	17.983	D	5.896	U
Toluene	108-88-3	ug/m3	**300**	**210.950**	D	**335.260**	D	**305.124**	D	2.599	J	**602.715**	D	**489.706**	D
trans-1,2-Dichloroethylene	156-60-5	ug/m3	~	7.926	U	7.926	U	3.924	U	2.735	U	2.774	U	3.963	U
trans-1,3-Dichloropropylene	10061-02-6	ug/m3	~	9.074	U	9.074	U	4.491	U	3.130	U	3.176	U	4.537	U
Trichloroethylene	79-01-6	ug/m3	**6**	**16.652**	D	**8.595**	D	**30.618**	D	**11.280**	D	**2.632**	D	**1,396.623**	D
Trichlorofluoromethane (Freon 11)	75-69-4	ug/m3	~	11.233	U	11.233	U	207.811	D	3.875	U	10.671	D	5.617	U
Vinyl acetate	108-05-4	ug/m3	~	7.039	U	7.039	U	3.484	U	2.429	U	2.464	U	3.520	U
Vinyl bromide	593-60-2	ug/m3	~	8.745	U	8.745	U	4.329	U	3.017	U	3.061	U	4.372	U
Vinyl Chloride	75-01-4	ug/m3	6	2.555	U	2.530	U	1.252	U	0.894	U	0.894	U	1.278	U

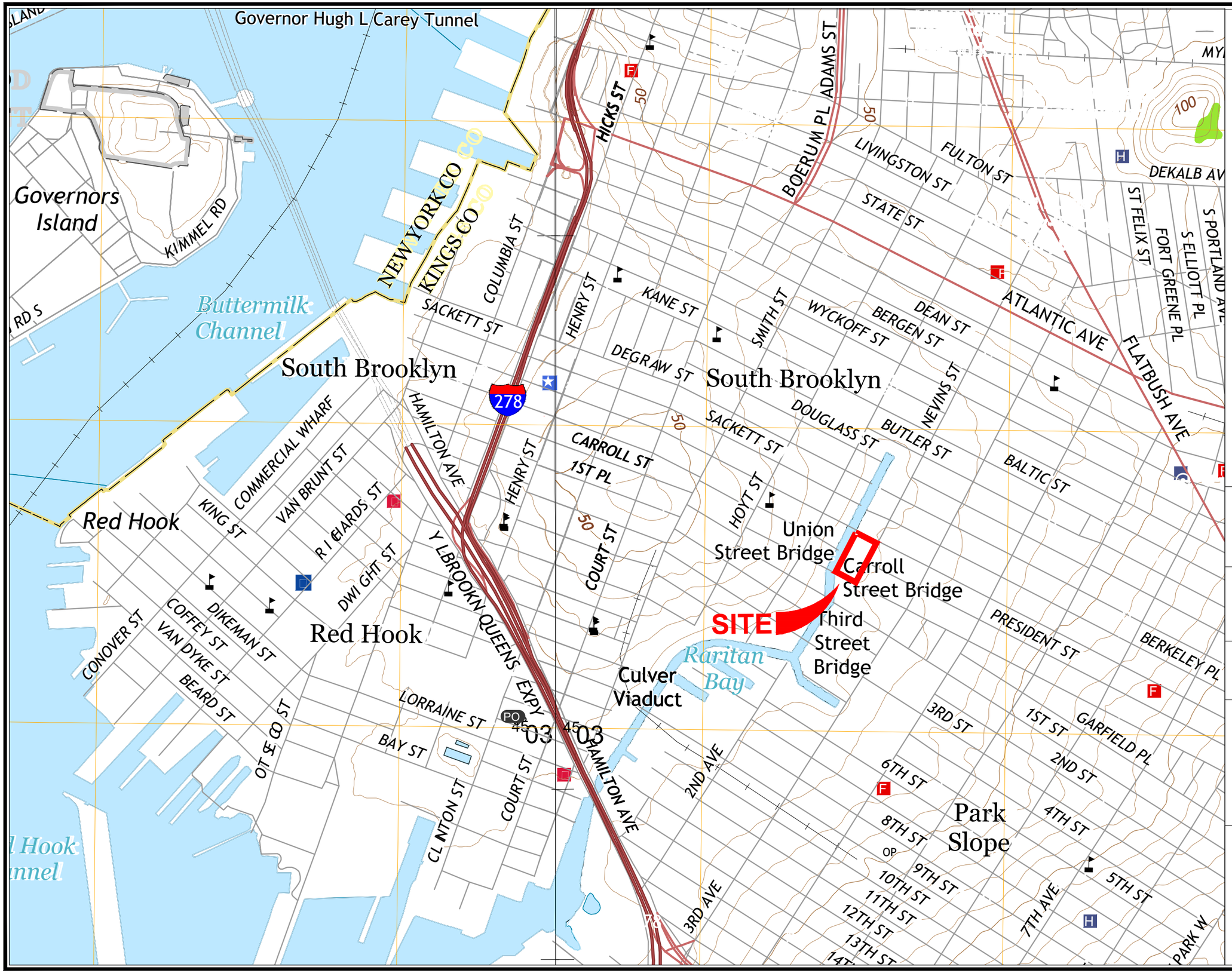
NOTES:
Regulatory Exceedences identified with red font
Data Validation completed by DDMS, Inc.
Q is the Qualifier Column with definitions as follows:
D=result is from an analysis that required a dilution
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
U=analyte not detected at or above the level indicated
B=analyte found in the analysis batch blank
~=this indicates that no regulatory limit has been established for this analyte

FIGURES

318 Nevins Street, Brooklyn, NY

Site Management Plan
NYSDEC BCP #C224350

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
FAX: (631) 269-1599



PROJECT NORTH

NOTES:

FIGURE 1:
SITE LOCATION

318 Nevins Street
Brooklyn, New York

Figure No: 01

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	DP
DATE:	01/19/2022
SCALE:	N.T.S.

REVISIONS

IMPACT ENVIRONMENTAL CLOSURES, INC.

170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
TEL (631) 269-8800
FAX (631) 269-1599

PROJECT NORTH

LEGEND

- LOT BOUNDARY
- SUBJECT PROPERTY

NOTES:

FIGURE 2:
SITE BOUNDARY MAP

318 Nevins Street,
Brooklyn, New York

Figure No: 02

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	DP
DATE:	7/8/25
SCALE:	NTS

REVISIONS

IMPACT ENVIRONMENTAL ENGINEERING AND GEOLOGY PLLC
170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
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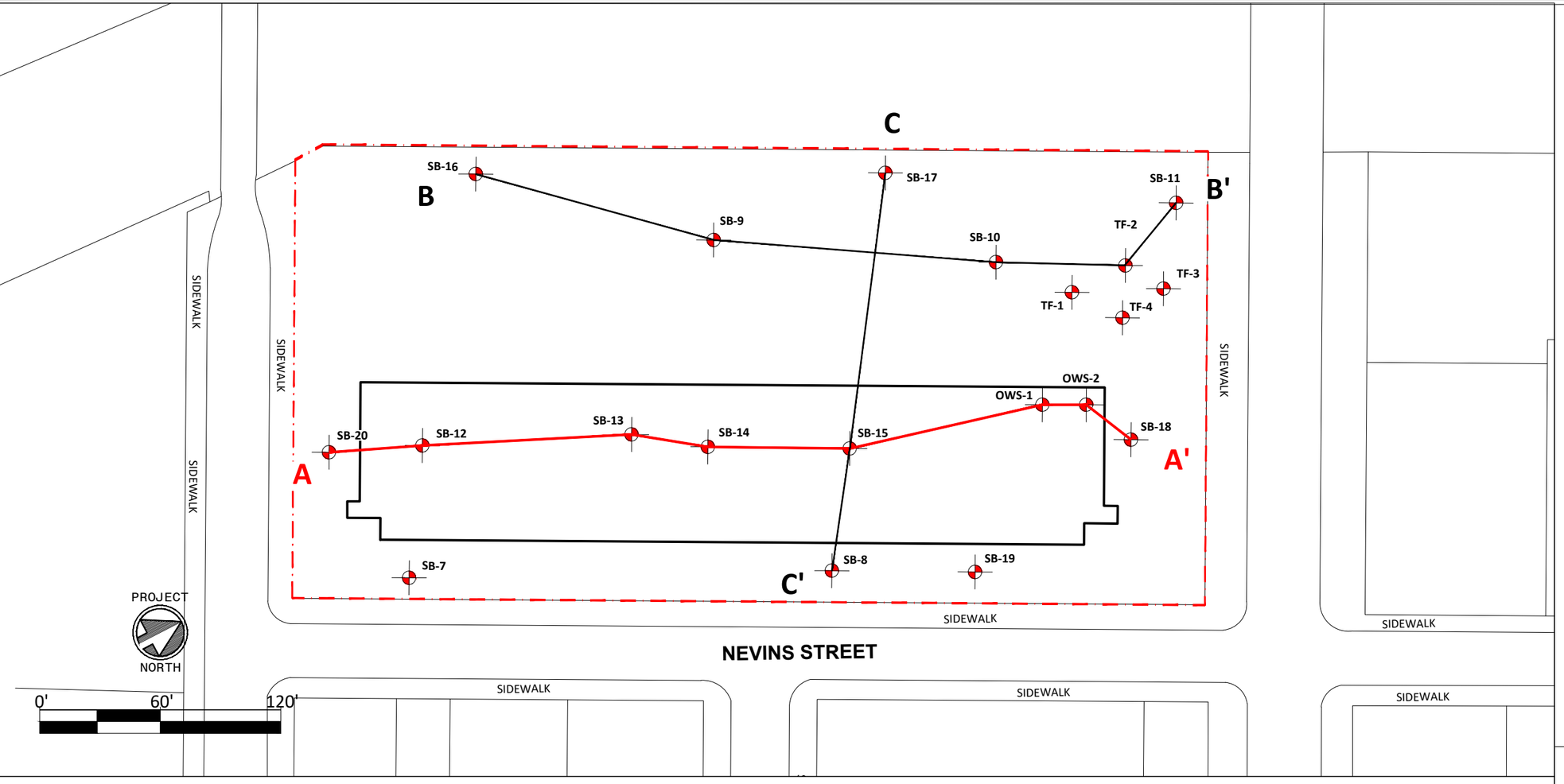
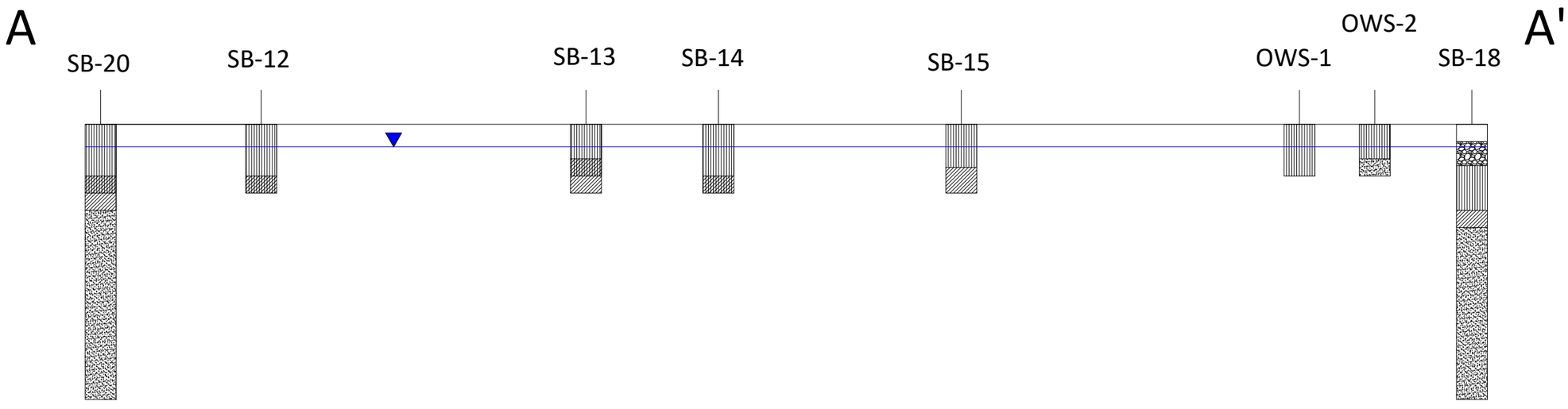
FAX (631) 269-1599





NOTES:

LEGEND

- SOIL BORING LOCATION

USCS SYMBOL

- GRAVEL
- POORLY GRADED SANDS (SP)
- SILTS & FINE SANDS (ML)
- CLAY (CL)

FIGURE 3A: GEOLOGIC CROSS SECTION A - A'

318 Nevins Street
Brooklyn, New York

Figure No: 3A

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	DP
DATE:	11/7/2022
SCALE:	1" = 60'

REVISIONS

IMPACT ENVIRONMENTAL

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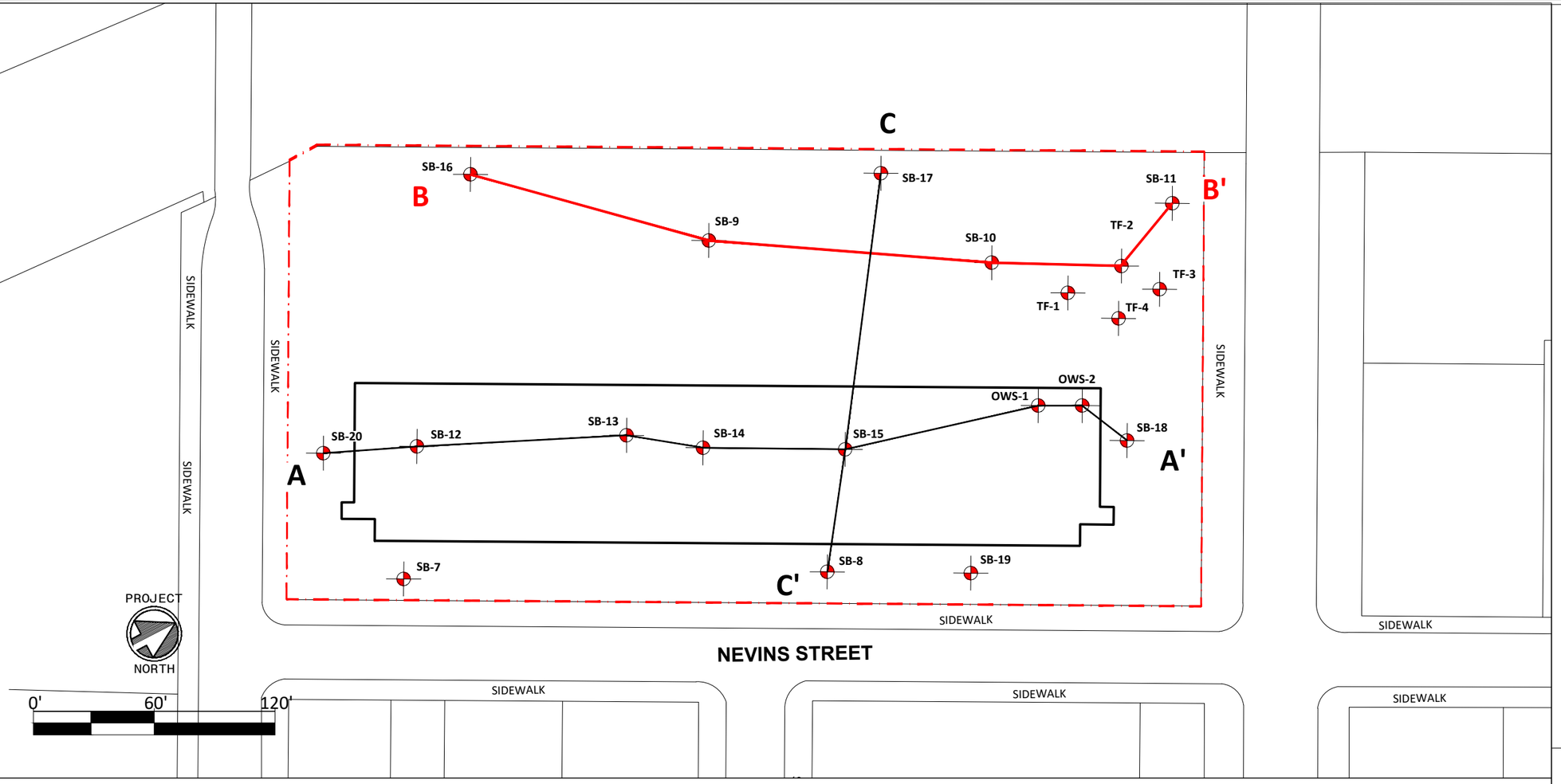

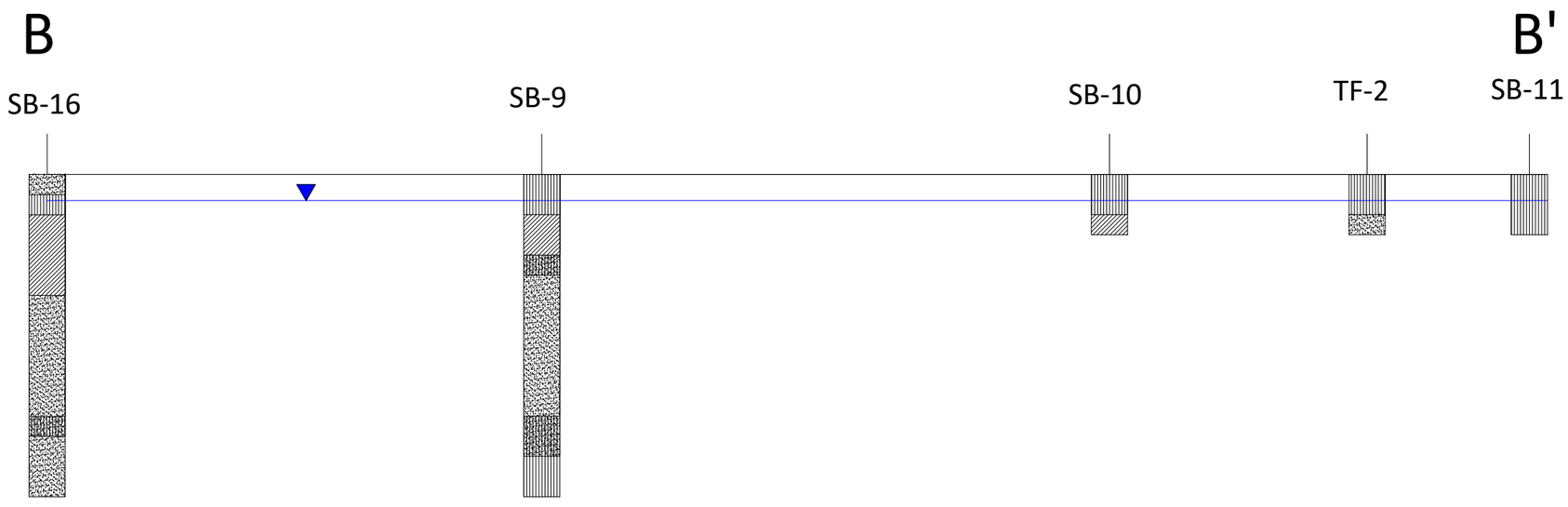

NOTES:

LEGEND

- SOIL BORING LOCATION

USCS SYMBOL

- GRAVEL
- POORLY GRADED SANDS (SP)
- SILTS & FINE SANDS (ML)
- CLAY (CL)

FIGURE 3B: GEOLOGIC CROSS SECTION B - B'

318 Nevins Street
Brooklyn, New York

Figure No: 3B

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	DP
DATE:	11/7/2022
SCALE:	1" = 60'

REVISIONS

IMPACT ENVIRONMENTAL

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BOHEMIA, NEW YORK 11716
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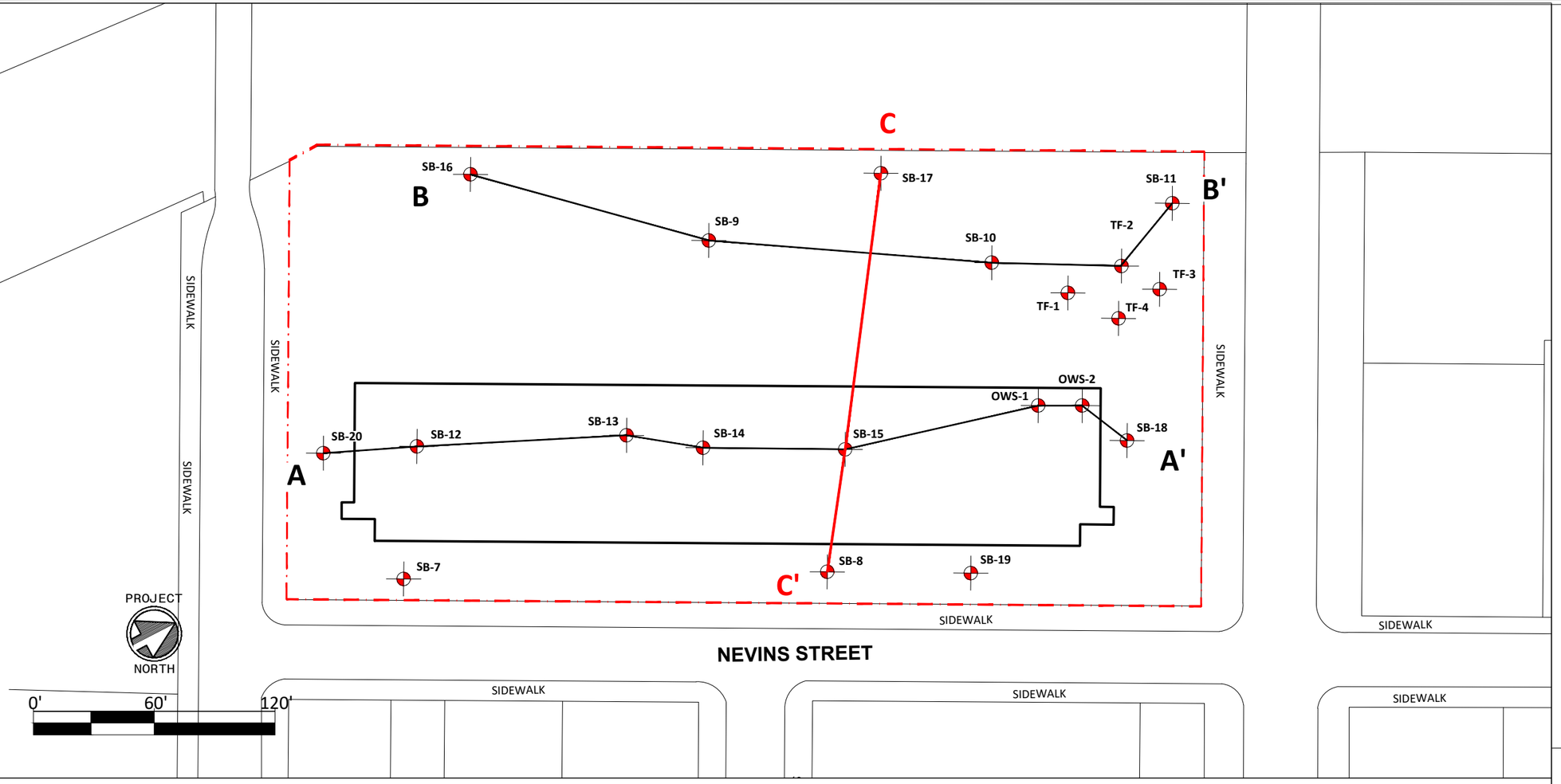
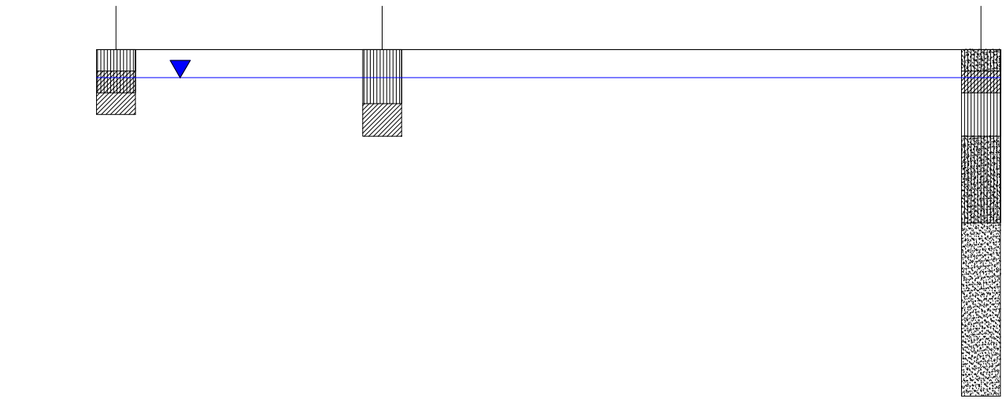
FAX (631) 269-1599





NOTES:

LEGEND

- SOIL BORING LOCATION

USCS SYMBOL

- GRAVEL
- POORLY GRADED SANDS (SP)
- SILTS & FINE SANDS (ML)
- CLAY (CL)

FIGURE 3C: GEOLOGIC CROSS SECTION C - C'

318 Nevins Street
Brooklyn, New York

Figure No: 3C

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	DP
DATE:	11/7/2022
SCALE:	1" = 60'

REVISIONS

IMPACT ENVIRONMENTAL

170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
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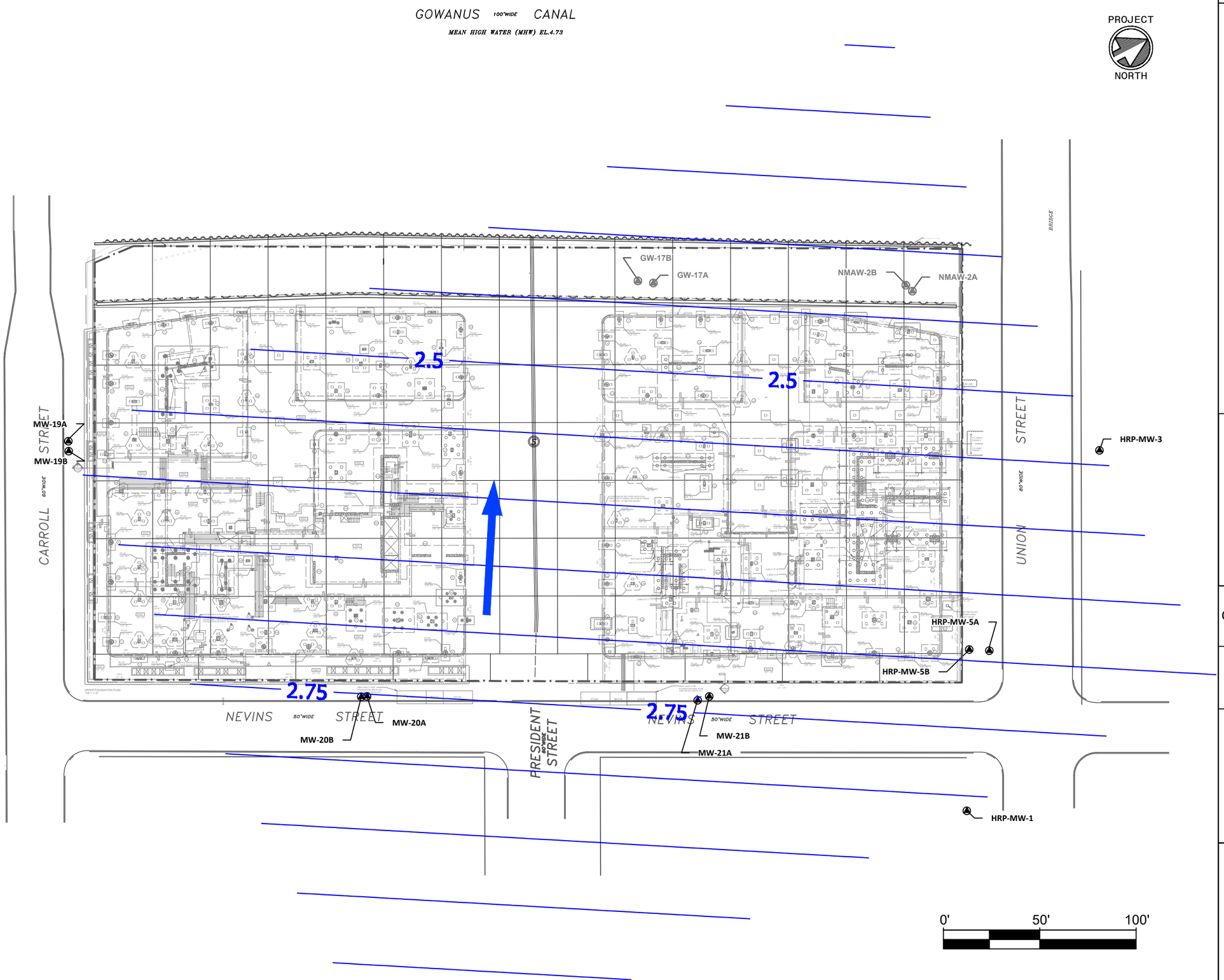
FAX (631) 269-1599



LEGEND

- EXISTING MONITORING WELL LOCATION
- FORMER MONITORING WELL LOCATION
- APPROXIMATE GROUNDWATER FLOW DIRECTION

FIGURE 4A:
GROUNDWATER CONTOUR MAP - SHALLOW
FEBRUARY 11, 2026

300 Nevins Street
Brooklyn, New York
BLOCK: 439 LOT: 1 & 10

Figure 4B

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	KK
DATE:	2/10/2026
SCALE:	1" = 50'

REVISIONS

IMPACT ENVIRONMENTAL ENGINEERING AND GEOLOGY PLLC
170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
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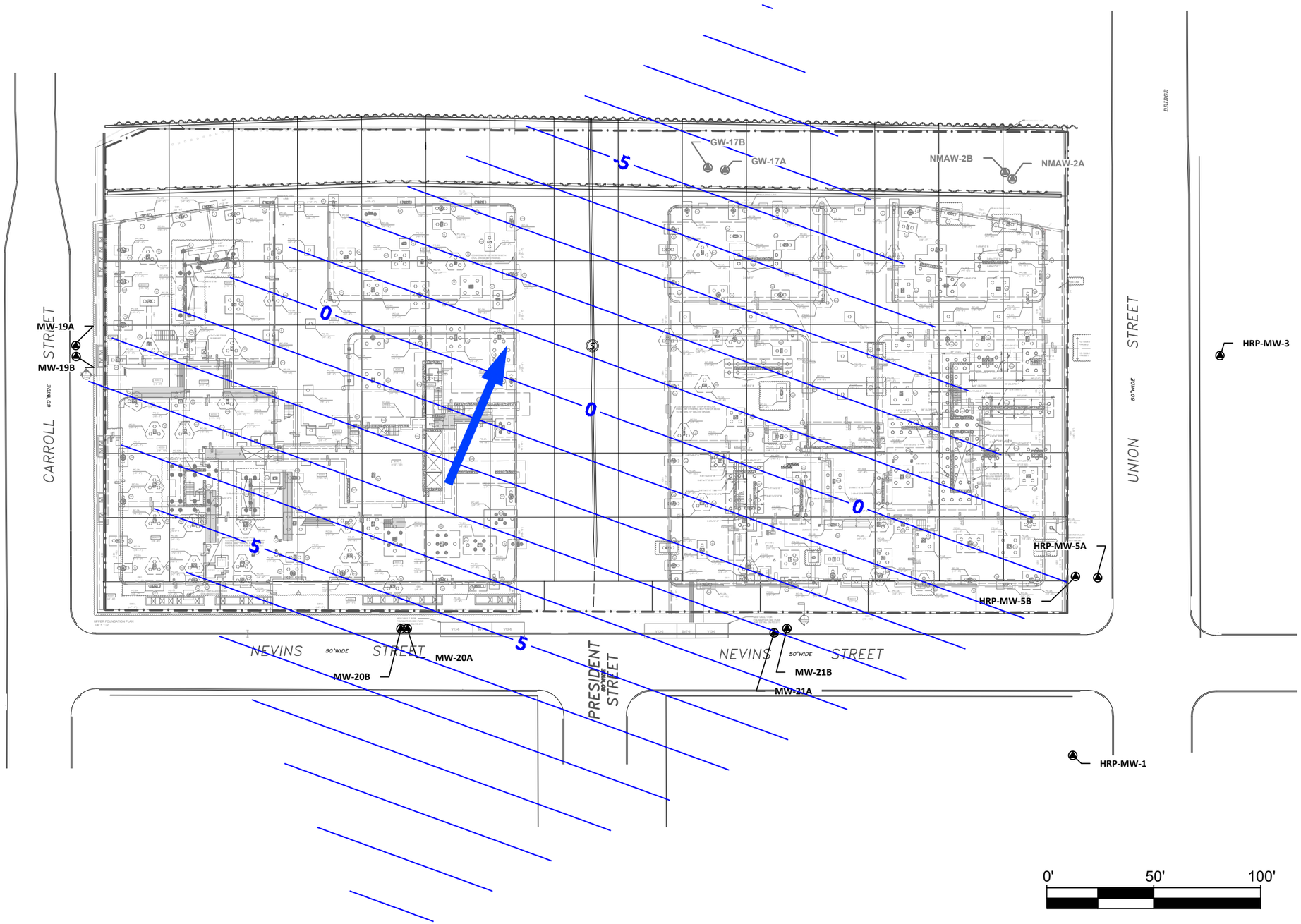
FAX (631) 269-1599



LEGEND

- EXISTING MONITORING WELL LOCATION
- FORMER MONITORING WELL LOCATION
- APPROXIMATE GROUNDWATER FLOW DIRECTION

FIGURE 4B:
GROUNDWATER CONTOUR MAP - DEEP
FEBRUARY 11, 2026

300 Nevins Street
Brooklyn, New York
BLOCK: 439 LOT: 1 & 10

Figure 4B

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	KK
DATE:	2/10/2026
SCALE:	1" = 50'

REVISIONS

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BOHEMIA, NEW YORK 11716
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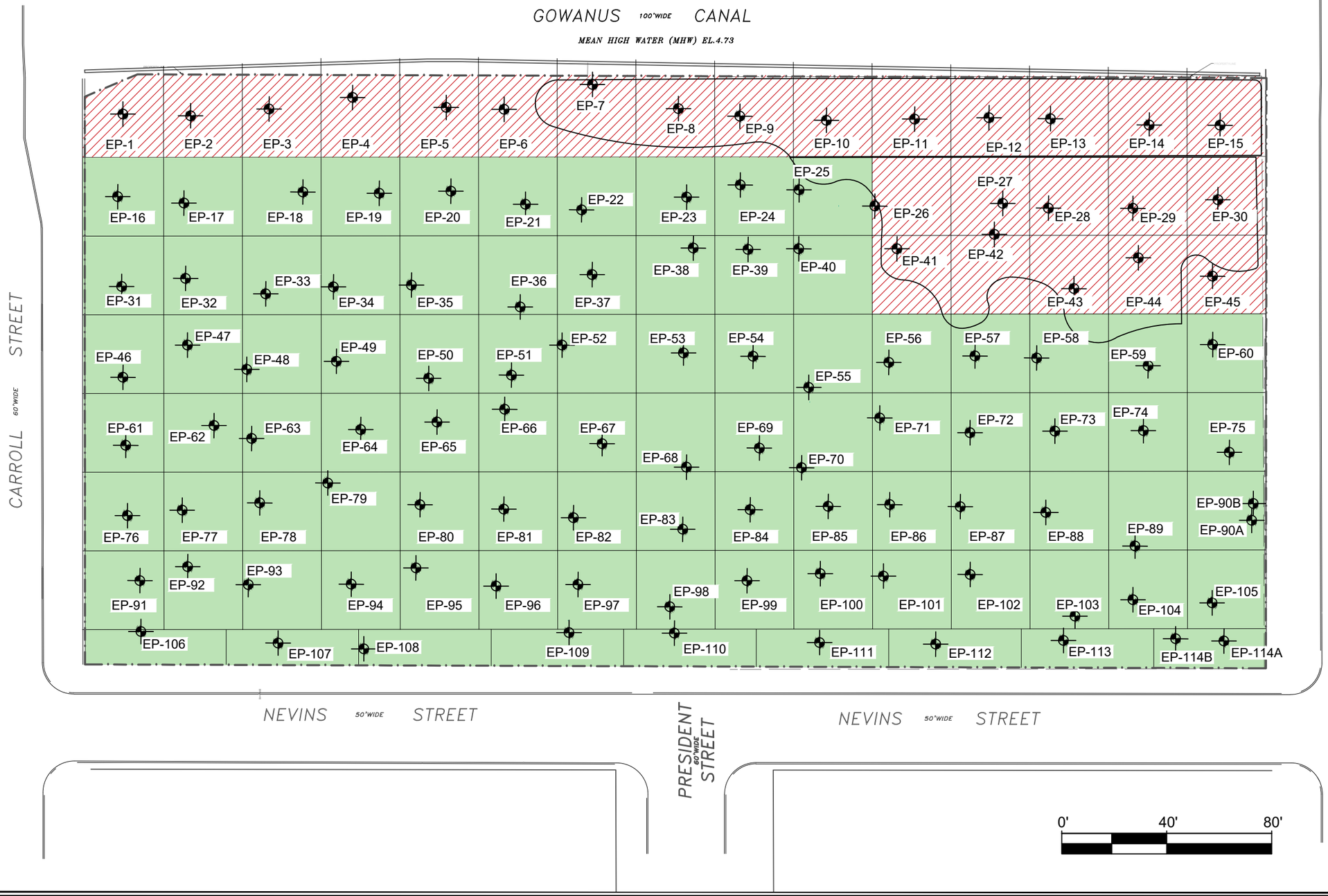

LEGEND

- PROPERTY BOUNDARY
- ENDPOINT SAMPLE LOCATION
- DOCUMENTATION SAMPLE LOCATION
- CONFIRMATION ENDPOINT SAMPLE LOCATION

NOTES:
REMAINING MATERIAL BENEATH THE DOCUMENTATION ENDPOINT SAMPLES WAS TREATED VIA ISS OR SOURCE REMOVAL. ISS IS A PROCESS THAT BINDS THE SOIL PARTICLES IN PLACE, CREATING A LOW PERMEABILITY MASS. THE CONTAMINATED SOIL WAS MIXED IN PLACE TOGETHER WITH SOLIDIFYING AGENTS (PORTLAND CEMENT). THE SOIL AND BINDING AGENTS WERE MIXED TO PRODUCE A SOLIDIFIED MASS RESULTING IN A LOW PERMEABILITY MONOLITH. SOURCE REMOVAL EMPLOYED EITHER A CORE BARREL, A HAMMER ATTACHMENT WITHIN THE CASING OR A CLUSTER HAMMER DRILL TO BREAK UP OBSTRUCTIONS, REMOVE CONTAMINATED MEDIA, WHICH WAS THEN STAGED AND DISPOSED OF AT AN APPROVED OFF-SITE FACILITY. THE BORING WAS THEN BACKFILLED WITH FLOWABLE FILL AND APPROVED LIMESTONE DGA TO GRADE.

FIGURE 5:
CONFIRMATION AND DOCUMENTATION ENDPOINT SAMPLE MAP

300 Nevins Street
Brooklyn, New York
BLOCK: 439 LOT: 1 & 10

Figure 5

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	KK/BJS
DATE:	2/10/2026
SCALE:	1" = 40'

REVISIONS

STATE OF NEW YORK · BRADLEY JOHN SUMMERVILLE · 091879 · LICENSED PROFESSIONAL ENGINEER

IMPACT ENVIRONMENTAL ENGINEERING AND GEOLOGY PLLC
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BOHEMIA, NEW YORK 11716
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LEGEND

- GROUNDWATER SAMPLE
- PROPERTY LINE

ADJACENT PROPERTY

Sample ID	NYSDEC - AWQS	GW-3
Sampling Date		10/11/2022
Volatile Organics (ug/L)		
NO EXCEEDANCES		
Semi-Volatile Organics (ug/L)		
Benzo(a)anthracene	0.002	**0.256**
Benzo(a)pyrene	0.002	**0.322**
Benzo(b)fluoranthene	0.002	**0.211**
Benzo(k)fluoranthene	0.002	**0.256**
Chrysene	0.002	**0.256**
Indeno(1,2,3-cd)pyrene	0.002	**0.111**
Pesticides (ug/L)		
NO EXCEEDANCES		
Total Metals (ug/L)		
Arsenic	25	**321**
Manganese	300	**1,270**
Sodium	20000	**312,000**
Dissolved Metals (ug/L)		
Arsenic	25	**106**
Manganese	300	**1,190**
Sodium	20000	**290,000**
PCBs (ug/L)		
NO EXCEEDANCES		
PFAS (ng/L)		
Perfluorohexanesulfonic acid (PFHxS)	100	**272**
Perfluorooctanesulfonic acid (PFOS)	10	**178**
Perfluorooctanoic acid (PFOA)	10	**84.8**

ADJACENT PROPERTY

Sample ID	NYSDEC - AWQS	GW2-100722
Sampling Date		10/7/2022
Volatile Organics (ug/L)		
Methyl tert-butyl ether (MTBE)	10	**11.6**
Semi-Volatile Organics (ug/L)		
NO EXCEEDANCES		
Pesticides (ug/L)		
NO EXCEEDANCES		
Total Metals (ug/L)		
Magnesium	35000	**54,900**
Manganese	300	**1,540**
Selenium	10	**30**
Sodium	20000	**795,000**
Dissolved Metals (ug/L)		
Magnesium	35000	**52,800**
Manganese	300	**1,450**
Selenium	10	**38.4**
Sodium	20000	**753,000**
PCBs (ug/L)		
NO EXCEEDANCES		
PFAS (ng/L)		
Perfluorooctanesulfonic acid (PFOS)	10	**31.5**
Perfluorooctanoic acid (PFOA)	10	**70**

Sample ID	NYSDEC - AWQS	GW-7
Sampling Date		10/11/2022
Volatile Organics (ug/L)		
Benzene	1	**2.45**
Methyl tert-butyl ether (MTBE)	10	**35.6**
Semi-Volatile Organics (ug/L)		
Benzo(a)anthracene	0.002	**0.789**
Benzo(a)pyrene	0.002	**1.09**
Benzo(b)fluoranthene	0.002	**0.756**
Benzo(k)fluoranthene	0.002	**0.833**
Chrysene	0.002	**0.789**
Indeno(1,2,3-cd)pyrene	0.002	**0.333**
Pesticides (ug/L)		
NO EXCEEDANCES		
Total Metals (ug/L)		
Copper	200	**445**
Lead	25	**169**
Magnesium	35000	**56,800**
Manganese	300	**1,090**
Selenium	10	**20.4**
Sodium	20000	**576,000**
Dissolved Metals (ug/L)		
Magnesium	35000	**64,700**
Manganese	300	**1,050**
Selenium	10	**14.5**
Sodium	20000	**554,000**
PCBs (ug/L)		
NO EXCEEDANCES		
PFAS (ng/L)		
Perfluorooctanesulfonic acid (PFOS)	10	**28.5**
Perfluorooctanoic acid (PFOA)	10	**52.8**

Sample ID	NYSDEC - AWQS	GW-5
Sampling Date		10/10/2022
Volatile Organics (ug/L)		
NO EXCEEDANCES		
Semi-Volatile Organics (ug/L)		
NO EXCEEDANCES		
Pesticides (ug/L)		
NO EXCEEDANCES		
Total Metals (ug/L)		
Antimony	3	**4.71**
Magnesium	35000	**160,000**
Manganese	300	**2,190**
Selenium	10	**25.2**
Sodium	20000	**475,000**
Dissolved Metals (ug/L)		
Antimony	3	**4.21**
Magnesium	35000	**160,000**
Manganese	300	**2,190**
Selenium	10	**20.5**
Sodium	20000	**475,000**
PCBs (ug/L)		
NO EXCEEDANCES		
PFAS (ng/L)		
Perfluorooctanoic acid (PFOA)	10	**50.9**

ADJACENT PROPERTY

Sample ID	NYSDEC - AWQS	GW-6
Sampling Date		10/12/2022
Volatile Organics (ug/L)		
NO EXCEEDANCES		
Semi-Volatile Organics (ug/L)		
NO EXCEEDANCES		
Pesticides (ug/L)		
NO EXCEEDANCES		
Total Metals (ug/L)		
Manganese	300	**988**
Sodium	20000	**283,000**
Dissolved Metals (ug/L)		
Manganese	300	**902**
Sodium	20000	**278,000**
PCBs (ug/L)		
NO EXCEEDANCES		
PFAS (ng/L)		
Perfluorooctanesulfonic acid (PFOS)	10	**13.3**
Perfluorooctanoic acid (PFOA)	10	**63.5**

Sample ID	NYSDEC - AWQS	GW-4
Sampling Date		10/10/2022
Volatile Organics (ug/L)		
NO EXCEEDANCES		
Semi-Volatile Organics (ug/L)		
NO EXCEEDANCES		
Pesticides (ug/L)		
NO EXCEEDANCES		
Total Metals (ug/L)		
Magnesium	35000	**151,000**
Manganese	300	**1,500**
Sodium	20000	**348,000**
Dissolved Metals (ug/L)		
Magnesium	35000	**151,000**
Manganese	300	**1,500**
Sodium	20000	**348,000**
PCBs (ug/L)		
NO EXCEEDANCES		
PFAS (ng/L)		
Perfluorooctanoic acid (PFOA)	10	**45.9**

Sample ID	NYSDEC - AWQS	GCMW28
Sampling Date		10/11/2022
Volatile Organics (ug/L)		
cis-1,2-Dichloroethylene	5	**12.6**
Semi-Volatile Organics (ug/L)		
Benzo(a)anthracene	0.002	**0.178**
Benzo(a)pyrene	0.002	**0.289**
Benzo(k)fluoranthene	0.002	**0.211**
Chrysene	0.002	**0.178**
Indeno(1,2,3-cd)pyrene	0.002	**0.111**
Pesticides (ug/L)		
NO EXCEEDANCES		
Total Metals (ug/L)		
Manganese	300	**1,080**
Sodium	20000	**133,000**
Dissolved Metals (ug/L)		
Manganese	300	**967**
Sodium	20000	**126,000**
PCBs (ug/L)		
NO EXCEEDANCES		
PFAS (ng/L)		
1H,1H,2H,2H-Perfluorooctanes ulfonic acid (6:2 FTS)	100	**186**
Perfluorooctanoic acid (PFOA)	10	**26.5**

Sample ID	NYSDEC - AWQS	GW-1
Sampling Date		10/10/2022
Volatile Organics (ug/L)		
NO EXCEEDANCES		
Semi-Volatile Organics (ug/L)		
NO EXCEEDANCES		
Pesticides (ug/L)		
NO EXCEEDANCES		
Total Metals (ug/L)		
Magnesium	35000	**41,800**
Manganese	300	**466**
Sodium	20000	**329,000**
Dissolved Metals (ug/L)		
Magnesium	35000	**41,800**
Manganese	300	**466**
Sodium	20000	**329,000**
PCBs (ug/L)		
NO EXCEEDANCES		
PFAS (ng/L)		
Perfluorohexanesulfonic acid (PFHxS)	100	**2,230**
Perfluorohexanoic acid (PFHxA)	100	**131**
Perfluorooctanesulfonic acid (PFOS)	10	**121**
Perfluorooctanoic acid (PFOA)	10	**362**

GW-1 GW-2 GW-3 GW-4 GW-5 GW-6 GW-7 GCMW28

FORMER BUILDING FOUNDATION SLAB

SIDEWALK

ADJACENT PROPERTY

NOTES:
1. FORMER ON-SITE STRUCTURE WAS DEMOLISHED IN SEPTEMBER 2022.

PROJECT NORTH

0' 50' 100'

FIGURE 6A: RIR GROUNDWATER MONITORING WELL ANALYTICAL RESULTS

318 Nevins Street
Brooklyn, New York

Figure No: 6A

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	DP
DATE:	2/11/2026
SCALE:	1" = 50'

REVISIONS

IMPACT ENVIRONMENTAL

170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
TEL (631) 269-8800
FAX (631) 269-1599

SIDEWALK

ADJACENT PROPERTY

EASEMENT

SIDEWALK

SIDEWALK

SIDEWALK

SIDEWALK

NEVINS STREET

LOCATION	NY-AW QS	GW-16A	GW-16B	GW-16C	GW-16D
SAMPLING DATE		5/16/2023	5/12/2023	5/12/2023	5/12/2023
Volatile Organics (ug/l)					
2-Butanone	50	ND	4.7 J	170	25
Acetone	50	ND	14	260	28
Benzene	1	ND	4.7	0.22 J	ND
cis-1,2-Dichloroethene	5	ND	7.2	2.8	3.2
Ethylbenzene	5	ND	40	1.5 J	0.88 J
Naphthalene	10	1 J	16	18	ND
o-Xylene	5	ND	5.2	0.96 J	ND
Tetrachloroethene	5	ND	ND	8.5	0.24 J
Vinyl chloride	2	ND	11	0.31 J	1.1
Semivolatile Organics (ug/l)					
Benzo(a)anthracene	0.002	0.66	0.14	0.2	ND
Benzo(a)pyrene	0.002	0.77	0.1	0.14	ND
Benzo(b)fluoranthene	0.002	0.92	0.11	0.14	ND
Benzo(k)fluoranthene	0.002	0.28	0.04 J	0.05 J	ND
Chrysene	0.002	0.64	0.1 J	0.2	ND
Indeno(1,2,3-cd)pyrene	0.002	0.55	ND	0.07 J	ND

GW-16B
GW-16C
GW-16A
GW-16D

LOCATION	NY-AW QS	GW-17A	GW-17C
SAMPLING DATE		5/12/2023	5/11/2023
Volatile Organics (ug/l)			
1,2,4-Trimethylbenzene	5	ND	130
2-Butanone	50	400	420
Acetone	50	560	810
Benzene	1	0.4 J	180
Ethylbenzene	5	2.2 J	710
Naphthalene	10	15	6200
o-Xylene	5	ND	270
p/m-Xylene	5	1.8 J	470
Toluene	5	ND	520
Vinyl chloride	2	ND	7.1 J
Semivolatile Organics (ug/l)			
Phenol	1	ND	1.8 J
Acenaphthene	20	0.18	200
Anthracene	50	0.12	72
Benzo(a)anthracene	0.002	0.14	41
Benzo(a)pyrene	0.002	0.15	35
Benzo(b)fluoranthene	0.002	0.19	25
Benzo(k)fluoranthene	0.002	0.06 J	8.6
Chrysene	0.002	0.1500	37
Fluoranthene	50	0.49	91
Fluorene	50	0.1	130
Indeno(1,2,3-cd)pyrene	0.002	0.09 J	12
Naphthalene	10	0.21	3300 E
Phenanthrene	50	0.18	290
Pyrene	50	0.57	130

GW-17C
GW-17B
GW-17A

LOCATION	NY-AW QS	NMAW-1A	DUP-1	NMAW-1C
SAMPLING DATE		5/12/2023	5/12/2023	5/12/2023
Volatile Organics (ug/l)				
1,2,4-Trimethylbenzene	5	7.3	16	3.1
Ethylbenzene	5	9.7	18	3.6
Naphthalene	10	220	460	30
o-Xylene	5	3.8 J	6.8	2.3 J
p/m-Xylene	5	8.1	14	3.4
Tetrachloroethene	5	ND	ND	8
Toluene	5	3.4 J	5.2 J	1.5 J
Semivolatile Organics (ug/l)				
Acenaphthene	20	21	26	3
Anthracene	50	34	51	0.27
Benzo(a)anthracene	0.002	34	58	0.16
Benzo(a)pyrene	0.002	42	67	ND
Benzo(b)fluoranthene	0.002	26	45	0.03 J
Benzo(k)fluoranthene	0.002	9.5	12	0.02 J
Chrysene	0.002	29	46	0.07 J
Fluoranthene	50	49	81	1.3
Indeno(1,2,3-cd)pyrene	0.002	20	31	ND
Naphthalene	10	110	94	ND
Phenanthrene	50	82	110	0.12
Pyrene	50	65	110	3

NMAW-1A
NMAW-1B
NMAW-1C

LOCATION	NY-AW QS	NMAW-2A	NMAW-2B	NMAW-2C
SAMPLING DATE		5/11/2023	5/11/2023	5/11/2023
Volatile Organics (ug/l)				
1,2,4,5-Tetramethylbenzene	5	18	ND	ND
1,2,4-Trimethylbenzene	5	4	150 J	44
1,3,5-Trimethylbenzene	5	ND	ND	12 J
2-Butanone	50	ND	1000	ND
Acetone	50	ND	9600	ND
Benzene	1	0.17 J	1000	51
cis-1,2-Dichloroethene	5	ND	ND	20 J
Ethylbenzene	5	1.1 J	840	150
Naphthalene	10	8.6	5500	1600
o-Xylene	5	ND	300	52
p/m-Xylene	5	ND	560	100
Styrene	5	ND	ND	9.4 J
Tetrachloroethene	5	ND	ND	46
Toluene	5	ND	960	84
Trichloroethene	5	ND	ND	12
Semivolatile Organics (ug/l)				
Phenol	1	ND	7.7	0.6 J
Acenaphthene	20	1.6	140	58
Benzo(a)anthracene	0.002	0.66	17	5
Benzo(a)pyrene	0.002	0.63	15	4.1
Benzo(b)fluoranthene	0.002	0.71	11	2.9
Benzo(k)fluoranthene	0.002	0.27	3.5	0.91
Chrysene	0.002	0.66	15	4.2
Fluorene	50	1.7	72	40
Indeno(1,2,3-cd)pyrene	0.0020	0.38	5.5	1.4
Naphthalene	10	1.4	540	520
Phenanthrene	50	1.4	140	67
Pyrene	50	2.2	53	19

NMAW-2A
NMAW-2C
NMAW-2B

LOCATION	NY-AW QS	NMAW-5A	NMAW-5B	NMAW-5C
SAMPLING DATE		5/11/2023	5/11/2023	5/12/2023
Volatile Organics (ug/l)				
1,2,4-Trimethylbenzene	5	ND	180	2 J
1,3,5-Trimethylbenzene	5	ND	51 J	ND
Acetone	50	15 J	220 J	ND
Benzene	1	ND	150	ND
cis-1,2-Dichloroethene	5	ND	ND	61
Ethylbenzene	5	ND	740	3.3
Naphthalene	10	2.9 J	5900	57
o-Xylene	5	ND	260	1.2 J
p-Isopropyltoluene	5	460	ND	ND
p/m-Xylene	5	ND	490	2.7
Styrene	5	ND	60 J	ND
Tetrachloroethene	5	ND	ND	20
Toluene	5	ND	530	0.91 J
Trichloroethene	5	ND	ND	7.6
Semivolatile Organics (ug/l)				
Phenol	1	4.4 J	24	ND
Acenaphthene	20	1.6	59	0.66
Benzo(a)anthracene	0.0020	2.6	6.4	0.33
Benzo(a)pyrene	0.0020	3.1	5.1	0.16
Benzo(b)fluoranthene	0.0020	2.9	3.5	0.12
Benzo(k)fluoranthene	0.0020	1.2	1.7	0.05 J
Chrysene	0.0020	2.4	6.1	0.27
Fluorene	50	1.9	86	1.7
Indeno(1,2,3-cd)pyrene	0.0020	2	1.8	0.05 J
Naphthalene	10	2.8	4300	ND
Phenanthrene	50	8.5	110	4

NMAW-5B
NMAW-5A
NMAW-5C

LOCATION	NY-AW QS	NMAW-4A	NMAW-4B	NMAW-4C
SAMPLING DATE		5/11/2023	5/11/2023	5/11/2023
Volatile Organics (ug/l)				
1,2,4-Trimethylbenzene	5	ND	70	ND
1,3,5-Trimethylbenzene	5	ND	21 J	ND
Acetone	50	3.2 J	64 J	ND
Benzene	1	0.9	39	ND
cis-1,2-Dichloroethene	5	ND	22 J	6.7
Ethylbenzene	5	3.4	170	ND
Methyl tert butyl ether	10	12	ND	0.86 J
Naphthalene	10	3.5	2400	3.6
o-Xylene	5	1 J	62	ND
p-Isopropyltoluene	5	ND	ND	5.3
p/m-Xylene	5	2.2 J	130	ND
Styrene	5	ND	31 J	ND
Tetrachloroethene	5	ND	23	5.4
Toluene	5	1.1 J	69	ND
Trichloroethene	5	ND	14	2.5
Vinyl chloride	2	ND	3.6 J	0.33 J
Semivolatile Organics (ug/l)				
Phenol	1	ND	3.2 J	ND
Acenaphthene	20	0.55	33	0.4
Benzo(a)anthracene	0.002	0.59	7.4	0.12
Benzo(a)pyrene	0.002	0.59	6.4	0.07 J
Benzo(b)fluoranthene	0.002	0.63	4.5	0.06 J
Benzo(k)fluoranthene	0.002	0.24	1.5	0.02 J
Chrysene	0.002	0.54	6.5	0.11
Fluorene	50	1.1	60	0.6
Indeno(1,2,3-cd)pyrene	0.002	0.35	2.2	0.03 J
Naphthalene	10	1.8	490	0.41 B
Phenanthrene	50	2.8	100	0.42

NMAW-4B
NMAW-4A
NMAW-4C

LOCATION	NY-AW QS	NMAW-3A	NMAW-3B	NMAW-3C
SAMPLING DATE		5/10/2023	5/10/2023	5/10/2023
Volatile Organics (ug/l)				
1,2,4-Trimethylbenzene	5	30	200	190
1,3,5-Trimethylbenzene	5	8.4 J	53 J	56 J
Benzene	1	5.8	1800	360
Ethylbenzene	5	61	1200	900
Methyl tert butyl ether	10	25	59 J	ND
Naphthalene	10	870	8000	7000
o-Xylene	5	21	400	290
p/m-Xylene	5	46	740	580
Styrene	5	ND	73 J	41 J
Tetrachloroethene	5	ND	ND	21 J
Toluene	5	26	1800	890
Vinyl chloride	2	ND	6.8 J	ND
Semivolatile Organics (ug/l)				
Phenol	1	0.92 J	12	6.7
Acenaphthene	20	14	44	52
Benzo(a)anthracene	0.002	0.33	4.5	2
Benzo(a)pyrene	0.002	0.16	3.6	1.5
Benzo(b)fluoranthene	0.002	0.12	2.3	0.94
Benzo(k)fluoranthene	0.002	0.06 J	0.89	0.41
Chrysene	0.002	0.3000	4	1.7
Fluorene	50	18	71	68
Indeno(1,2,3-cd)pyrene	0.002	0.07 J	1.2	0.56
Naphthalene	10	62	3200	3000
Phenanthrene	50	7.2	93	77

NMAW-3B
NMAW-3C
NMAW-3A

LEGEND

MONITORING WELL LOCATION

PROPERTY LINE

PROJECT NORTH

0' 40' 80'

NOTES:

* ONLY EXCEEDANCES OF TOGS 1.1.1 AMBIENT WATER QUALITY STANDARDS (AWQS) AND GUIDANCE VALUES ARE SHOWN.

FIGURE 6B: 2023 SRI GROUNDWATER MONITORING WELL ANALYTICAL RESULTS

318 Nevins Street
Brooklyn, New York

Figure No: 6B

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	DP
DATE:	02/11/2026
SCALE:	1" = 40'

REVISIONS

IMPACT ENVIRONMENTAL

170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
TEL (631) 269-8800
FAX (631) 269-1599

GOWANUS 100'WIDE CANAL

MEAN HIGH WATER (MHW) EL.4.73

LOCATION	AWQS	NMAW-2A
SAMPLING DATE	(ug/l)	3/13/2025
General Chemistry (ug/l)		
Chloride	250,000	950,000
Total Metals (ug/l)		
Iron, Total	300	386
Magnesium, Total	35,000	102,000
Sodium, Total	20,000	797,000
Dissolved Metals (ug/l)		
Antimony, Dissolved	3	**3.59**
Magnesium, Dissolved	35,000	90,900
Sodium, Dissolved	20,000	710,000
Perfluorinated Alkyl Acids (ug/l)		
Perfluorooctanoic Acid (PFOA)	0.0067	**0.0457**
Perfluorooctanesulfonic Acid (PFOS)	0.0027	**0.035**
Semivolatile Organics (ug/l)		
Phenol	1	**1.1**

LOCATION	AWQS	GW-17A	GW-17B
SAMPLING DATE	(ug/l)	3/13/2025	3/12/2025
General Chemistry (ug/l)			
Chloride	250,000	400,000	550,000
Total Metals (ug/l)			
Iron, Total	300	18,600	4,390
Lead, Total	25	**43.38**	22.67
Magnesium, Total	35,000	47,900	42,800
Manganese, Total	300	1,270	**533.7**
Sodium, Total	20,000	325,000	443,000
Dissolved Metals (ug/l)			
Antimony, Dissolved	3	**10.05**	ND
Magnesium, Dissolved	35,000	41,500	39,700
Manganese, Dissolved	300	**968.3**	410
Sodium, Dissolved	20,000	308,000	444,000
Perfluorinated Alkyl Acids (ug/l)			
Perfluorooctanoic Acid (PFOA)	0.0067	**0.045**	**0.034**
Perfluorooctanesulfonic Acid (PFOS)	0.0027	0.0256	0.0207
Semivolatile Organics (ug/l)			
Phenol	1	ND	**1.2**
Acenaphthene	20	1.4	83
Naphthalene	10	1.7	1,600
Benzo(a)anthracene	0.002	**0.74**	**2.1**
Benzo(a)pyrene	0	**0.64**	**0.84**
Benzo(b)fluoranthene	0.002	**0.60**	**0.76**
Benzo(k)fluoranthene	0.002	**0.25**	ND
Chrysene	0.002	**0.80**	**1**
Indeno(1,2,3-cd)pyrene	0.002	**0.34**	ND
Volatile Organics (ug/l)			
Benzene	1	ND	55
Toluene	5	ND	65
Ethylbenzene	5	ND	350
p/m-Xylene	5	ND	200
o-Xylene	5	ND	110
Isopropylbenzene	5	ND	14
Naphthalene	10	ND	2,900
1,3,5-Trimethylbenzene	5	ND	17
1,2,4-Trimethylbenzene	5	ND	61

LOCATION	AWQS	MW-19A	MW-19B
SAMPLING DATE	(ug/l)	3/12/2025	3/12/2025
General Chemistry (ug/l)			
Chloride	250,000	340,000	390,000
Total Metals (ug/l)			
Iron, Total	300	10,500	16,200
Magnesium, Total	35,000	12,100	37,200
Manganese, Total	300	1,370	1,860
Sodium, Total	20,000	195,000	224,000
Dissolved Metals (ug/l)			
Iron, Dissolved	300	3,760	3,190
Magnesium, Dissolved	35,000	11,500	35,700
Manganese, Dissolved	300	1,187	1,398
Sodium, Dissolved	20,000	189,000	222,000
Perfluorinated Alkyl Acids (ug/l)			
Perfluorooctanoic Acid (PFOA)	0.0067	0.0105	0.0323
Perfluorooctanesulfonic Acid (PFOS)	0.0027	0.0285	**0.014**

LOCATION	AWQS	HRP-MW-3
SAMPLING DATE	(ug/l)	3/11/2025
General Chemistry (ug/l)		
Chloride	250,000	900,000
Total Metals (ug/l)		
Iron, Total	300	28,000
Manganese, Total	300	7,311
Sodium, Total	20,000	654,000
Dissolved Metals (ug/l)		
Manganese, Dissolved	300	6,802
Sodium, Dissolved	20,000	600,000
Perfluorinated Alkyl Acids (ug/l)		
Perfluorooctanoic Acid (PFOA)	0.0067	**0.0858**
Semivolatile Organics (ug/l)		
Phenol	1	**1.7**
Benzo(a)anthracene	0.002	**0.04**
Volatile Organics (ug/l)		
Benzene	1	82

LOCATION	AWQS	HRP-MW-5A	HRP-MW-5B
SAMPLING DATE	(ug/l)	3/11/2025	3/11/2025
General Chemistry (ug/l)			
Chloride	250,000	420,000	260,000
Total Metals (ug/l)			
Iron, Total	300	772	182
Manganese, Total	300	107.8	330.2
Sodium, Total	20,000	156,000	187,000
Dissolved Metals (ug/l)			
Sodium, Dissolved	20,000	143,000	161,000
Perfluorinated Alkyl Acids (ug/l)			
Perfluorooctanoic Acid (PFOA)	0.0067	0.0604	**0.075**
Perfluorooctanesulfonic Acid (PFOS)	0.0027	0.0177	**0.013**
Semivolatile Organics (ug/l)			
Benzo(a)anthracene	0.002	**0.06**	**0.04**
Benzo(b)fluoranthene	0.002	**0.04**	ND
Chrysene	0.002	**0.04**	ND
Volatile Organics (ug/l)			
Tetrachloroethene	5	1.5	15
Trichloroethene	5	5.3	6.3
cis-1,2-Dichloroethene	5	2.8	8

LOCATION	AWQS	MW-20A	MW-20B
SAMPLING DATE	(ug/l)	3/12/2025	3/12/2025
General Chemistry (ug/l)			
Chloride	250,000	300,000	280,000
Total Metals (ug/l)			
Arsenic, Total	25	0.99	**26.37**
Iron, Total	300	3,830	11,700
Magnesium, Total	35,000	48,300	32,700
Manganese, Total	300	1,180	2,706
Sodium, Total	20,000	219,000	174,000
Dissolved Metals (ug/l)			
Magnesium, Dissolved	35,000	43,000	30,400
Manganese, Dissolved	300	952.4	2,306
Sodium, Dissolved	20,000	205,000	162,000
Perfluorinated Alkyl Acids (ug/l)			
Perfluorooctanoic Acid (PFOA)	0.0067	0.0264	0.0789
Perfluorooctanesulfonic Acid (PFOS)	0.0027	0.00522	0.0151
Volatile Organics (ug/l)			
Vinyl chloride	2	ND	3.5
cis-1,2-Dichloroethene	5	ND	27

LOCATION	AWQS	MW-21A	MW-21B
SAMPLING DATE	(ug/l)	3/12/2025	3/11/2025
General Chemistry (ug/l)			
Chloride	250,000	500,000	240,000
Total Metals (ug/l)			
Magnesium, Total	35,000	49,800	36,500
Manganese, Total	300	318	31.54
Sodium, Total	20,000	287,000	158,000
Dissolved Metals (ug/l)			
Magnesium, Dissolved	35,000	40,600	35,200
Sodium, Dissolved	20,000	226,000	142,000
Perfluorinated Alkyl Acids (ug/l)			
Perfluorooctanoic Acid (PFOA)	0.0067	0.0322	0.0722
Perfluorooctanesulfonic Acid (PFOS)	0.0027	0.0146	**0.00949**
Semivolatile Organics (ug/l)			
Benzo(a)anthracene	0.002	ND	**0.03**
Volatile Organics (ug/l)			
Tetrachloroethene	5	0.20	38

LOCATION	AWQS	HRP-MW-1
SAMPLING DATE	(ug/l)	3/11/2025
Total Metals (ug/l)		
Magnesium, Total	35,000	38,200
Manganese, Total	300	4,069
Sodium, Total	20,000	102,000
Dissolved Metals (ug/l)		
Magnesium, Dissolved	35,000	36,400
Manganese, Dissolved	300	3,328
Sodium, Dissolved	20,000	93,200
Perfluorinated Alkyl Acids (ug/l)		
Perfluorooctanoic Acid (PFOA)	0.0067	0.0466
Perfluorooctanesulfonic Acid (PFOS)	0.0027	0.0123
Semivolatile Organics (ug/l)		
Benzo(a)anthracene	0.002	**0.04**
Volatile Organics (ug/l)		
Tetrachloroethene	5	**10**
Benzene	1	**7**
Vinyl chloride	2	**23**
1,1-Dichloroethene	5	**5.9**
Trichloroethene	5	2,400
cis-1,2-Dichloroethene	5	1,400

PROJECT NORTH

CARROLL STREET 60'WIDE

UNION STREET 80'WIDE

NEVINS STREET 50'WIDE

PRESIDENT STREET 80'WIDE

BRIDGE

MW-19A

MW-19B

GW-17B

GW-17A

NMAW-2B

NMAW-2A

HRP-MW-3

HRP-MW-5A

HRP-MW-5B

MW-20A

MW-20B

MW-21B

MW-21A

HRP-MW-1

0' 50' 100'

LEGEND

MONITORING WELL LOCATION

NOTES:
1. GROUNDWATER RESULTS ARE REPORTED IN MICROGRAMS PER LITER (ug/l)
2. RESULTS ARE COMPARED TO TECHNICAL AND OPERATIONAL GUIDANCE SERIES (TOGS 1.1.1) AMBIENT WATER QUALITY STANDARDS (AWQS)

FIGURE 7:
SENTINEL WELL ANALYTICAL RESULTS
MARCH 2025

300 Nevins Street
Brooklyn, New York
BLOCK: 439 LOT: 1 & 10

Figure 7

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	KK
DATE:	2/10/2026
SCALE:	1" = 50'
REVISIONS	

IMPACT ENVIRONMENTAL ENGINEERING AND GEOLOGY PLLC

170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
TEL (631) 269-8800
FAX (631) 269-1599

PROJECT NORTH

Sample	NYSDOH Matrices Soil Vapor	SV-4
Sampling		10/6/2022
VOCs - TO15 (ug/m3)		
Tetrachloroethylene	100	257.626
Toluene	300	335.26
Trichloroethylene	6	8.595

SV4

Sample	NYSDOH Matrices Soil Vapor	SV-5
Sampling		10/6/2022
VOCs - TO15 (ug/m3)		
Ethylbenzene	60	60.768
o-Xylene	60	60.762
m,p-Xylene	200	208.327
Tetrachloroethylene	100	549.151
Toluene	300	305.124
Trichloroethylene	6	30.618

Sample	NYSDOH Matrices Soil Vapor	SV-7
Sampling		10/6/2022
VOCs - TO15 (ug/m3)		
o-Xylene	60	65.102
m,p-Xylene	200	221.348
Tetrachloroethylene	100	583.049
Toluene	300	602.715

SV-5

SV-6

SV-7

SV-8

FORMER BUILDING FOUNDATION SLAB

CARROLL STREET

UNION STREET

SIDEWALK

SIDEWALK

Sample	NYSDOH Matrices Soil Vapor	SV-6
Sampling		10/6/2022
VOCs - TO15 (ug/m3)		
Trichloroethylene	6	11.28

Sample	NYSDOH Matrices Soil Vapor	SV-8
Sampling		10/6/2022
VOCs - TO15 (ug/m3)		
Tetrachloroethylene	100	813.557
Toluene	300	489.706
Trichloroethylene	6	1,396.623

NEVINS STREET

SIDEWALK

SIDEWALK

SIDEWALK

SIDEWALK

0' 40' 80'

LEGEND

PROPERTY BOUNDARY

SOIL VAPOR SAMPLE LOCATION

NOTES:
1. FORMER ON-SITE STRUCTURE WAS DEMOLISHED IN SEPTEMBER 2022
2. CORRESPONDING INDOOR AIR SAMPLES WERE NOT COLLECTED DURING THE REMEDIAL INVESTIGATION FOR COMPARISON USING THE NYSDOH DECISION MATRICES, THEREFORE, A COMPLETE SVI WAS NOT CONDUCTED.

FIGURE 8:
SUB SLAB SOIL VAPOR ANALYTICAL RESULTS

300 Nevins Street
Brooklyn, New York
BLOCK: 439 LOT: 1 & 10

Figure 8

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	KK
DATE:	2/10/2026
SCALE:	1" = 40'
REVISIONS	

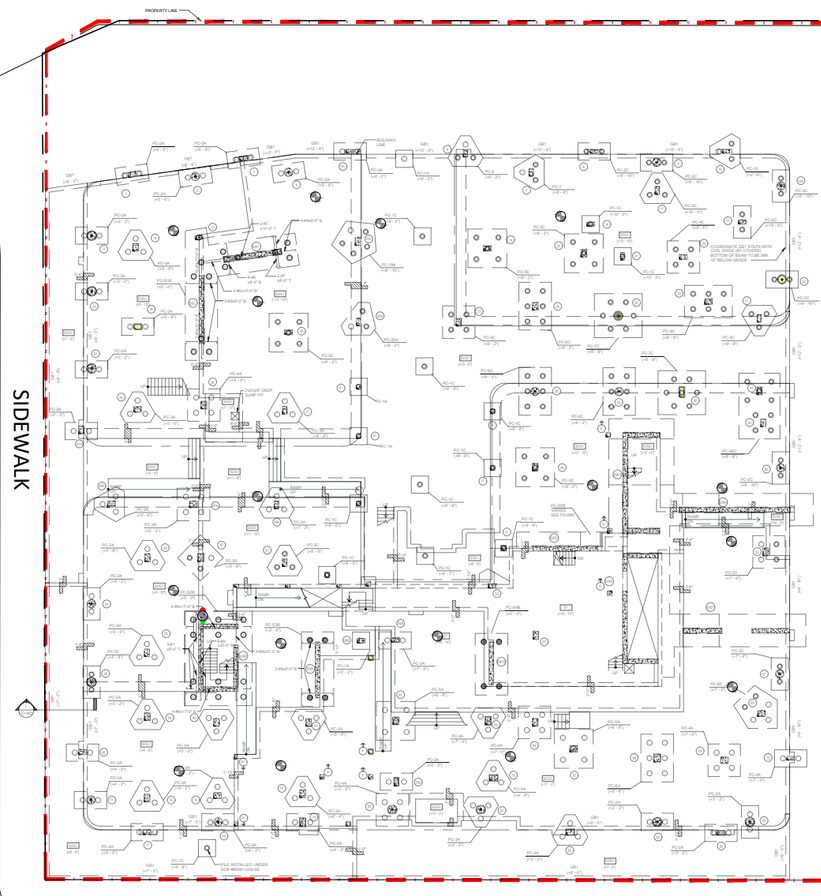
IMPACT ENVIRONMENTAL ENGINEERING AND GEOLOGY PLLC
170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
TEL (631) 269-8800
FAX (631) 269-1599

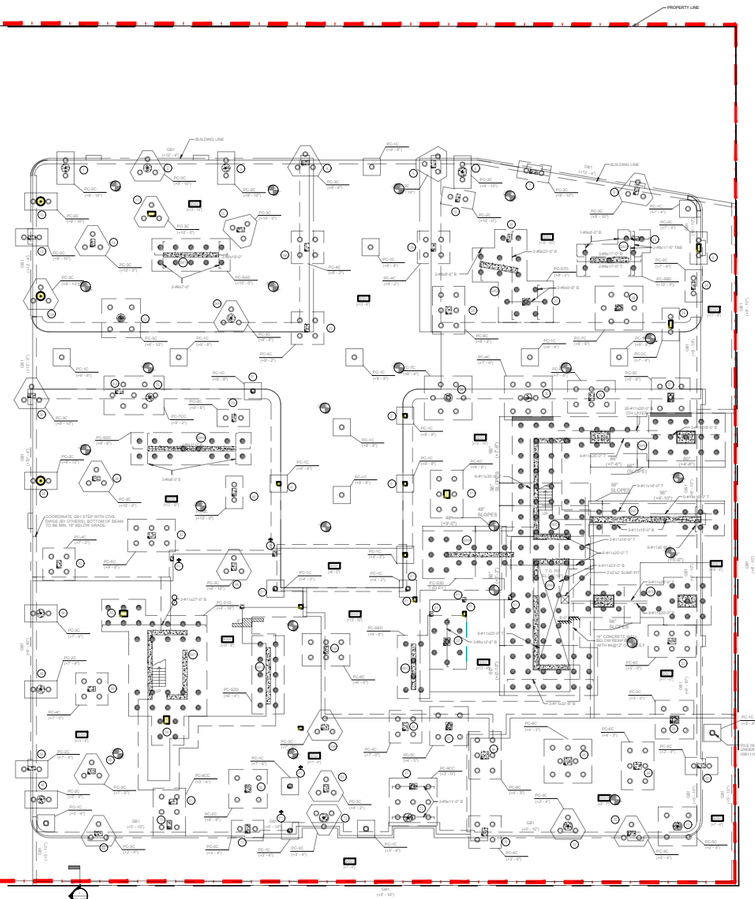
SIDEWALK

ADJACENT PROPERTY

ADJACENT PROPERTY

SIDEWALK





SIDEWALK

SIDEWALK

SIDEWALK

SIDEWALK

LEGEND

INSTITUTIONAL CONTROL BOUNDARY LINE

PROJECT NORTH

NOTE:
INSTITUTIONAL CONTROL BOUNDARY IS THE PROPERTY BOUNDARY

FIGURE 9 : INSTITUTIONAL CONTROL

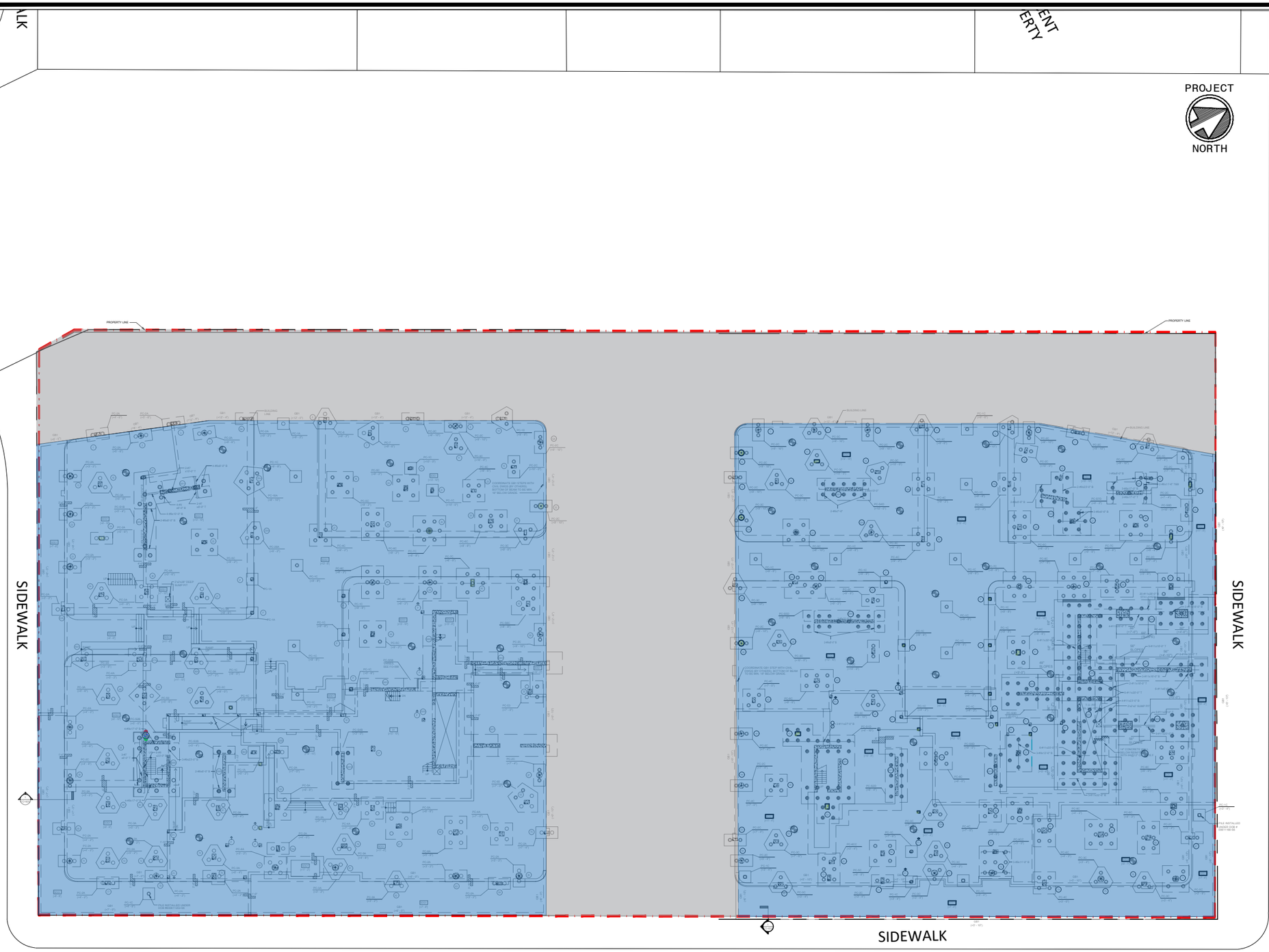
318 Nevins Street
Brooklyn, New York

Figure 9

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	KK/BJS
DATE:	2/10/2026
SCALE:	
REVISIONS	

STATE OF NEW YORK
BRADLEY JOHN SUMMERVILLE
LICENSED PROFESSIONAL ENGINEER
091879

IMPACT ENVIRONMENTAL ENGINEERING AND GEOLOGY PLLC
170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
TEL (631) 269-8800
FAX (631) 269-1599



LEGEND

- PROPERTY BOUNDARY
- TEMPORARY 2-FOOT COMPOSITE COVER LOCATION
- FINAL COMPOSITE COVER LOCATION

LOCATION OF TEMPORARY AND FINAL COVER LOCATIONS

318 Nevins Street
Brooklyn, New York

Figure 10

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	BJS
DATE:	8/6/2025
SCALE:	

REVISIONS

STATE OF NEW YORK
BRADLEY JOHN SUMMERVILLE
LICENSED PROFESSIONAL ENGINEER
091879

IMPACT ENVIRONMENTAL ENGINEERING AND GEOLOGY PLLC
170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
TEL (631) 269-8800
FAX (631) 269-1599

LEGEND

- PROPERTY BOUNDARY
- ISS TREATMENT AREA
- MGP SOURCE REMOVAL AREA
- MONITORING WELL LOCATION
- RECOVERY WELL LOCATION

COMPOSITE COVER

- BUILDING SLAB
- UPLAND CONNECTION, WATERFRONT PUBLIC ACCESS AREA AND AREAS OUTSIDE NEW BUILDING FOOTPRINTS

SUB-SLAB DEPRESSURIZATION SYSTEM

- SOLID PVC
- SLOTTED PVC

FIGURE 11:
ENGINEERING CONTROLS MAP

300 Nevins Street
Brooklyn, New York
BLOCK: 439 LOT: 1 & 10

Figure 11

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	KK/BJS
DATE:	2/10/2026
SCALE:	1" = 40'

REVISIONS

STATE OF NEW YORK · BRADLEY JOHN SUMMERVILLE · LICENSED PROFESSIONAL ENGINEER · 091879

IMPACT ENVIRONMENTAL ENGINEERING AND GEOLOGY PLLC
170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
TEL (631) 269-8800
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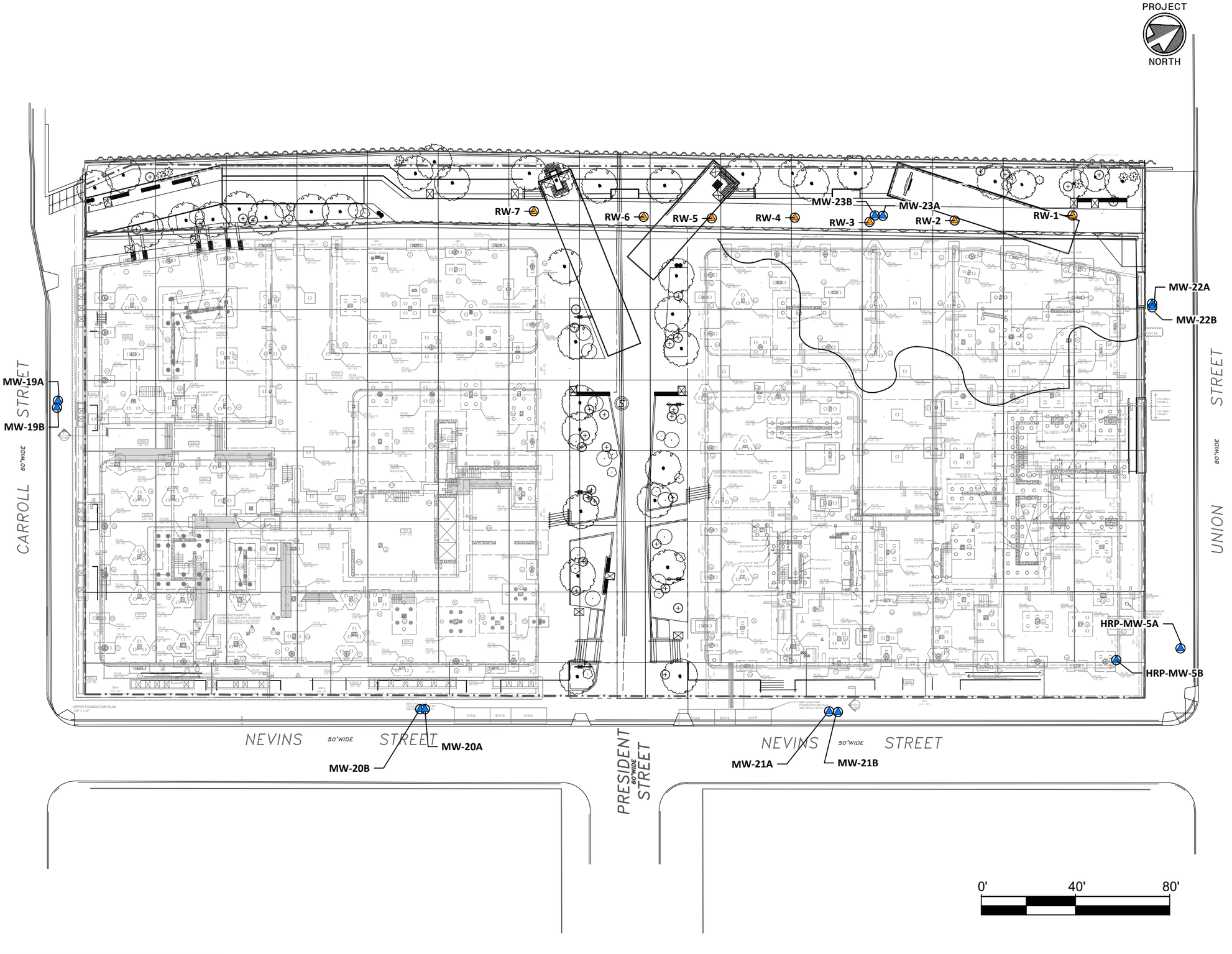

LEGEND

- RECOVERY WELL LOCATION
- MONITORING WELL LOCATION

FIGURE 12:
POST-REMEDIAL RECOVERY WELL AND CLUSTER WELL LOCATION MAP

300 Nevins Street
Brooklyn, New York
BLOCK: 439 LOT: 1 & 10

Figure 12

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	KK/BJS
DATE:	2/10/2026
SCALE:	1" = 40'

REVISIONS

STATE OF NEW YORK
BRADLEY JOHN SUMMERVILLE
LICENSED PROFESSIONAL ENGINEER
091879

IMPACT ENVIRONMENTAL ENGINEERING AND GEOLOGY PLLC
170 KEYLAND COURT
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TEL (631) 269-8800
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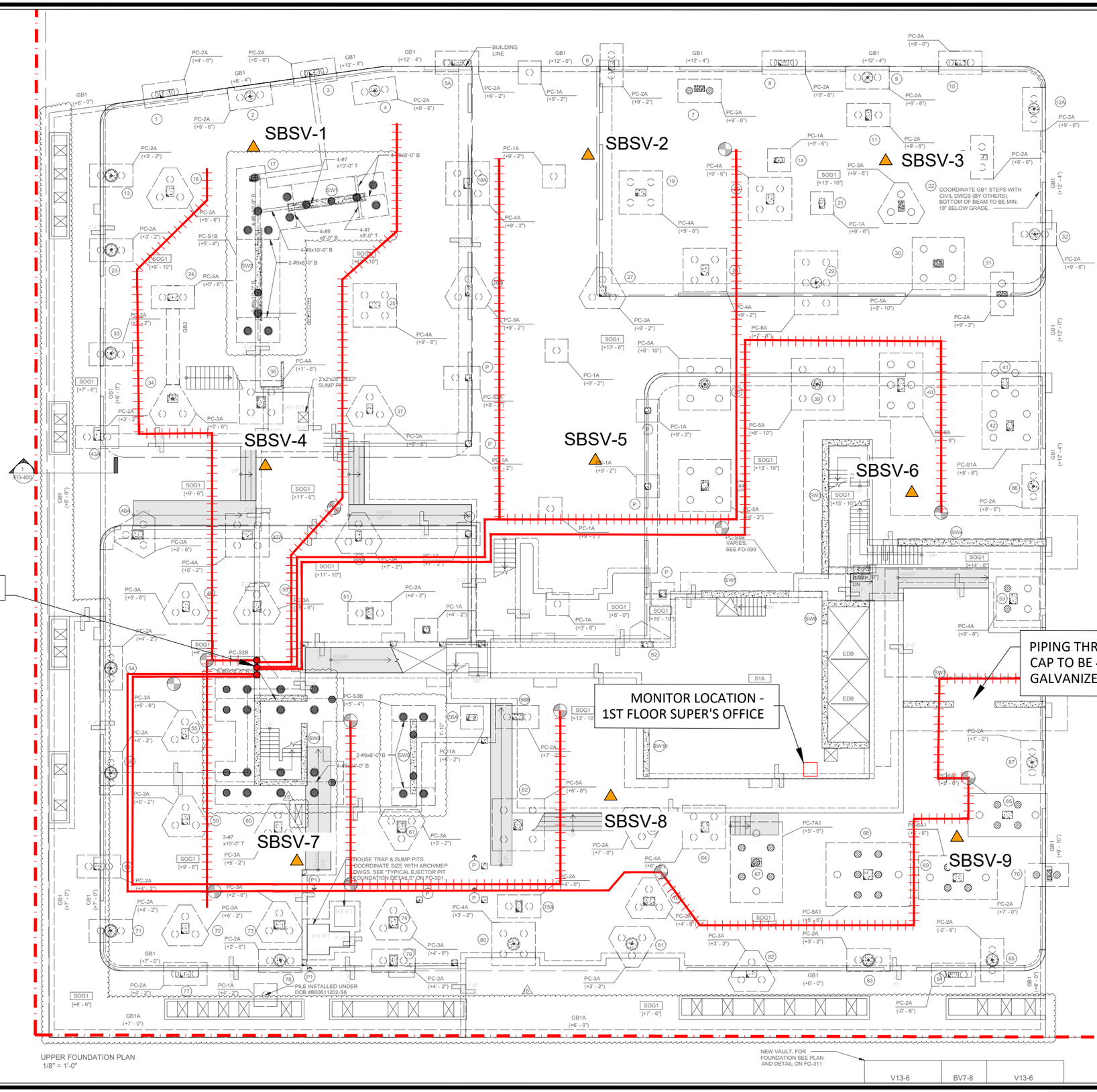


UPPER FOUNDATION PLAN
1/8" = 1'-0"

LEGEND

- PROPERTY LINE
- 4-INCH SOLID SCHEDULE 40 PVC - SUB-SLAB
- 4-INCH SLOTTED SCHEDULE 40 PVC - SUB-SLAB
- VAPOR MONITORING/SUB-SLAB VAPOR SAMPLING POINT LOCATION
- RISER LOCATION

PROJECT NORTH

0' 20' 40'

NOTES:
1. PIPING SLOPE IS 1%.
2. VERTICAL RISERS TERMINATE ABOVE THE ROOF LINE OF THE STAIRWELLS FOR BOTH BUILDINGS.

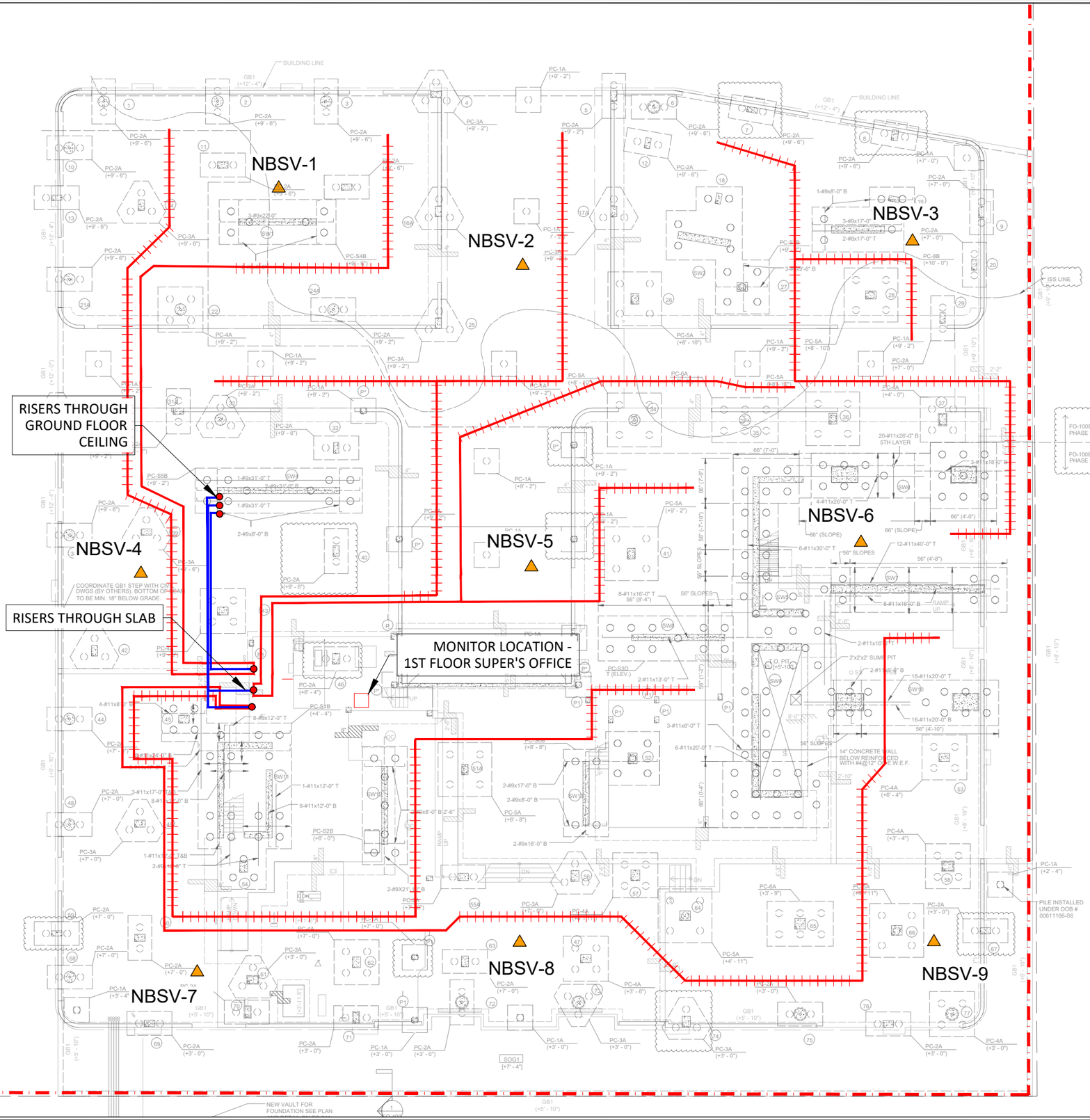
FIGURE 13A:
SUB SLAB VAPOR PIN LOCATIONS (BUILDING A)

318 Nevins Street
Brooklyn, New York

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	HB/BJS
DATE:	8/27/2024
SCALE:	1" = 20'
REVISIONS	

STATE OF NEW YORK · BRADLEY JOHN SUMMERVILLE · LICENSED PROFESSIONAL ENGINEER · 091879

IMPACT ENVIRONMENTAL ENGINEERING AND GEOLOGY PLLC
170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
TEL (631) 269-8800
FAX (631) 269-1599



LEGEND

- PROPERTY LINE
- 4-INCH SOLID SCHEDULE 40 PVC - SUB-SLAB
- 4-INCH SLOTTED SCHEDULE 40 PVC - SUB-SLAB
- 6-INCH SCHEDULE 80 PVC - OVERHEAD
- VAPOR MONITORING/SUB-SLAB VAPOR SAMPLING POINT LOCATION
- RISER LOCATION

PROJECT NORTH

0' 20' 40'

NOTES:
1. PIPING SLOPE IS 1%.
2. VERTICAL RISERS TERMINATE ABOVE THE ROOF LINE OF THE STAIRWELLS FOR BOTH BUILDINGS.

FIGURE 13B:
SUB SLAB VAPOR PIN LOCATIONS
(BUILDING B)

318 Nevins Street
Brooklyn, New York

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	HB/BJS
DATE:	3/2/2026
SCALE:	1" = 20'
REVISIONS	

STATE OF NEW YORK · BRADLEY JOHN SUMMERVILLE · LICENSED PROFESSIONAL ENGINEER · 091879

IMPACT ENVIRONMENTAL ENGINEERING AND GEOLOGY PLLC
170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
TEL (631) 269-8800
FAX (631) 269-1599

APPENDICES

318 Nevins Street, Brooklyn, NY

Site Management Plan
NYSDEC BCP #C224350

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
FAX: (631) 269-1599

Appendix A

Environmental Easement

Site Management Plan
NYSDEC BCP #C224350

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
FAX: (631) 269-1599

ENVIRONMENTAL EASEMENT SURVEY

This property is subject to an environmental easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the New York Environmental Conservation Law. The engineering and institutional controls for this Easement are set forth in the Site Management Plan (SMP). A copy of the SMP must be obtained by any party with an interest in the property. The SMP can be obtained from NYS Department of Environmental Conservation, Division of Environmental Remediation, Site Control Section, 625 Broadway, Albany, NY 12233 or at derweb&.dec.ny.gov

RECORDED DEED DESCRIPTIONS

498 UNION STREET
BLOCK 439 LOT 1

ALL that certain plot, piece or parcel of land with the buildings and improvements thereon erected, situate, lying and being in the Borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:

BEGINNING at the corner formed by the intersection of the northwesterly side of Nevins Street with the southwesterly side of Union Street;

RUNNING THENCE northwesterly along the southwesterly side of Union Street forming an interior angle of 89 degrees 47 minutes 45 seconds for a distance of 225 feet 0 inches to the southeasterly side of Gowanus Canal;

RUNNING THENCE southwesterly along the southeasterly side of Gowanus Canal forming an interior angle of 90 degrees 12 minutes 15 seconds with the last course for a distance of 225 feet 0 inches;

RUNNING THENCE southeasterly forming an interior angle of 89 degrees 47 minutes 45 seconds with the last course for a distance of 225 feet 0 inches to a point on the northwesterly side of Nevins Street; and

RUNNING THENCE northeasterly along the northwesterly side of Nevins Street forming an interior angle of 90 degrees 12 minutes 15 seconds with the last course for a distance of 225 feet 0 inches to the point or place of BEGINNING.

Containing within said bounds 1.162 Acres or 50,625.46 square feet.

417 CARROLL STREET
BLOCK 439 LOT 10

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:

BEGINNING at the corner formed by the intersection of the westerly side of Nevins Street with the northerly side of Carroll Street;

RUNNING THENCE westerly along the northerly side of Carroll Street to the easterly side of Gowanus Canal, 216 feet 4-3/4 inches;

THENCE northerly along a line forming an interior angle of 113 degrees 00 minutes 16 seconds with the northerly side of Carroll Street and along the easterly side of Gowanus Canal, 21 feet 10 inches;

THENCE northerly along a line forming an interior angle of 156 degrees 47 minutes 29 seconds with the last mentioned course and along the easterly side of Gowanus Canal, 204 feet 10-3/4 inches;

THENCE easterly along a line forming an interior angle of 90 degrees 12 minutes 15 seconds with the easterly side of Gowanus Canal to the westerly side of Nevins Street, 225 feet;

THENCE southerly along a line forming interior angle of 89 degrees 47 minutes 45 seconds with the last mentioned course and along the westerly side of Nevins Street, 225 feet to the point or place of BEGINNING.

Containing within said bounds 1.160 acres, or 50,536.63 square feet.

ENVIRONMENTAL EASEMENT DESCRIPTION:

ALL that certain plot, piece or parcel of land situate, lying and being in the Borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:

BEGINNING at the corner formed by the intersection of the northwesterly side of Nevins Street with the southwesterly side of Union Street;

RUNNING THENCE northwesterly along the southwesterly side of Union Street forming an interior angle of 89 degrees 47 minutes 45 seconds for a distance of 225 feet 0 inches to the southeasterly side of Gowanus Canal;

THENCE southwesterly along the southeasterly side of Gowanus Canal forming an interior angle of 90 degrees 12 minutes 15 seconds with the last course for a distance of 429 feet 10 3/4 inches;

THENCE southerly along the southeasterly side of Gowanus Canal forming an interior angle of 156 degrees 47 minutes 29 seconds with the last course for a distance of 21 feet 10 inches to the northeasterly side of Carroll Street;

THENCE southeasterly along the northeasterly side of Carroll Street forming an interior angle of 113 degrees 01 minutes 16 seconds with the last course for a distance of 216 feet 4 3/4 inches to the northwesterly side of Nevins Street;

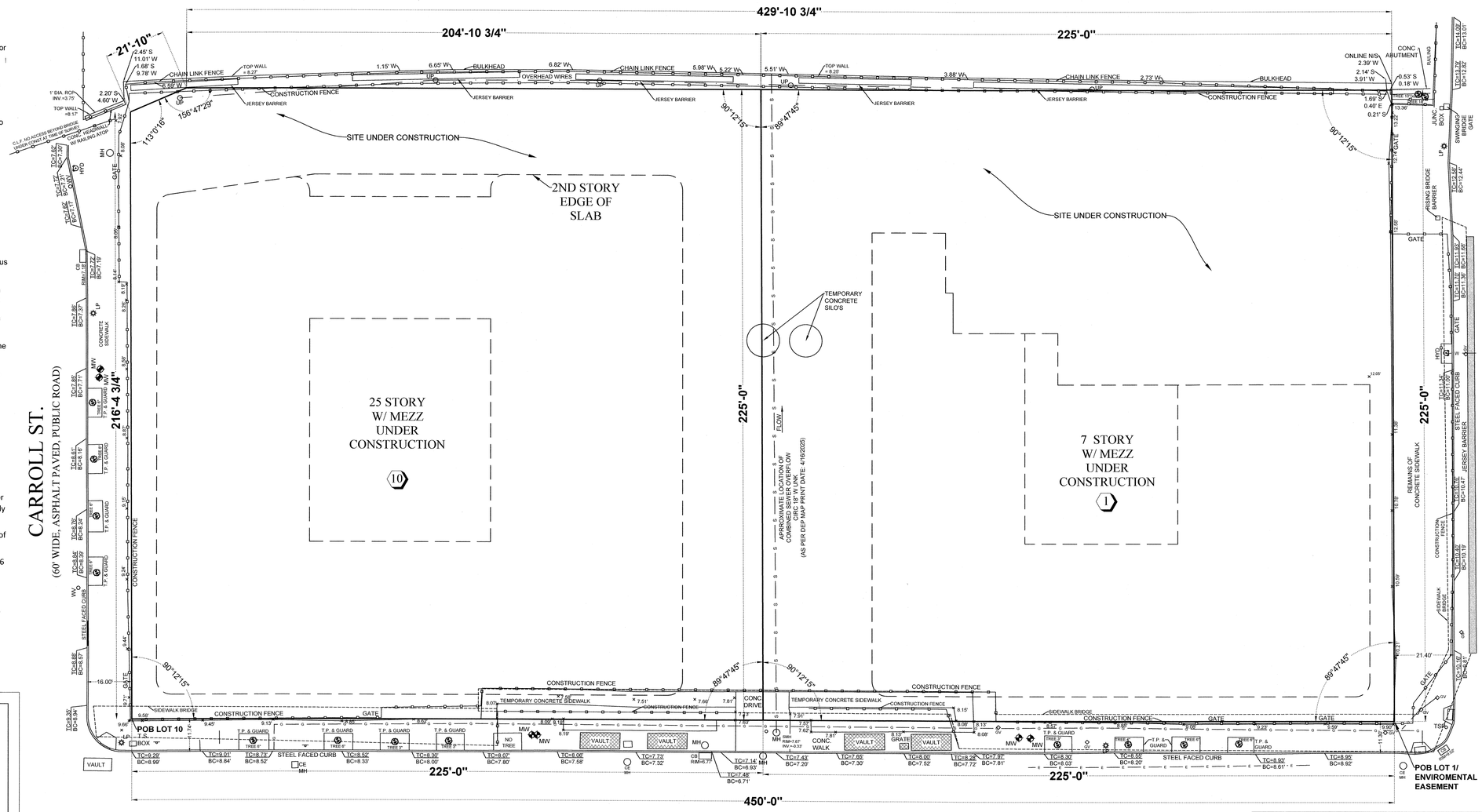
THENCE northeasterly along the northwesterly side of Nevins Street forming an interior angle of 90 degrees 12 minutes 15 seconds with the last course for a distance of 450 feet 0 inches to the point or place of BEGINNING.

Containing within said bounds 2.322 Acres or 101.162.09 square feet.

LEGEND

HYD	FIRE HYDRANT	OHUW	OVERHEAD UTILITY WIRES
T.P.	TREE PIT	W	WATER
DC	DROP CURB	E	ELECTRIC
CB	CATCH BASIN	G	GAS
MM	MUNI-METER	S	SEWER
EB	ELECTRIC BOX	ST	STEAM
TSP	TRAFFIC SIGN POLE	T	TELEPHONE
LP	LIGHT POLE	CE MH	CON ED MANHOLE COVER
TC	TOP OF CURB	EMH	ELECTRIC MANHOLE COVER
BC	BOTTOM OF CURB	WMH	WATER MANHOLE COVER
BW	BACK OF WALK	SMH	SEWER MANHOLE COVER
CLF	CHAIN LINK FENCE	TMH	TELEPHONE MANHOLE COVER
WIF	WROUGHT IRON FENCE	CO MH	CLEAN OUT MANHOLE COVER
WSF	WOOD STOCKADE FENCE	WV	WATER VALVE
PRF	POST AND RAIL FENCE	GV	GAS VALVE
CE	CELLAR ENTRANCE	UP	UTILITY POLE
PA	PLANTED AREA	AS	AUTO SPRINKLER
	SIGN	SP	STAND PIPE
	TAX LOT	OF	OIL FILL

GOWANUS CANAL
(UNDERWATER LANDS)



METRIC BAR SCALE
2.5m 5m 7.5m
0 2.5m 7.5m, 15m

BLOCK:	439
LOTS:	1
TOTAL LOT AREA:	
SQ. FT.:	50,625.46
ACRES:	1.162

BLOCK:	439
LOTS:	10
TOTAL LOT AREA:	
SQ. FT.:	50,536.63
ACRES:	1.160

FEHRINGER SURVEYING, P.C.
ROBERT FEHRINGER
LICENSED LAND SURVEYOR
WWW.FEHRINGERSURVEYING.COM
2200 JACKSON AVENUE
SEAFORD, N.Y. 11783
(516) 763 - 5515 FAX NO. (516) 763 - 5525
FS@FEHRINGERSURVEYING.COM

SURVEYED: APRIL 4, 2025
SCALE: 1" = 20' DRAWN BY: JJM

10.00' 20.00' 30.00'
0 10 30 60

STATE OF NEW YORK · ROBERT J FEHRINGER · LICENSED LAND SURVEYOR · 050001

UNAUTHORIZED ALTERATION OR ADDITION TO THIS SURVEY IS A VIOLATION OF SECTION 7209 OF THE NEW YORK STATE EDUCATION LAW.

COPIES OF THIS SURVEY MAP NOT BEARING THE LAND SURVEYOR'S INKED SEAL OR EMBOSSED SEAL SHALL NOT BE CONSIDERED TO BE A VALID TRUE COPY

GUARANTEES INDICATED HEREON SHALL RUN ONLY TO THE PERSON FOR WHOM THE SURVEY IS PREPARED, AND ON HIS BEHALF TO THE TITLE COMPANY, GOVERNMENTAL AGENCY AND LENDING INSTITUTION LISTED HEREON, AND TO THE ASSIGNEES OF THE LENDING INSTITUTION. GUARANTEES ARE NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.

SURVEY OF PROPERTY SITUATED IN:

318 NEVINS STREET
(AKA 417 CARROLL STREET, 498 UNION STREET)
DEC Site No. C224350

BOROUGH OF BROOKLYN
COUNTY OF KINGS
CITY OF NEW YORK
STATE OF NEW YORK

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

This page is part of the instrument. The City Register will rely on the information provided by you on this page for purposes of indexing this instrument.The information on this page will control for indexing purposes in the event of any conflict with the rest of the document.

2025080100511001001E0122

RECORDING AND ENDORSEMENT COVER PAGE **PAGE 1 OF 13**

Document ID: 2025080100511001 Document Date: 07-14-2025 Preparation Date: 08-01-2025
Document Type: EASEMENT
Document Page Count: 11

PRESENTER:
SIVE PAGET & RIESEL, P.C.
560 LEXINGTON AVENUE, 15TH FLOOR
NEW YORK, NY 10022
212-421-2150
NDUNCAN@SPRLAW.COM

RETURN TO:
SIVE PAGET & RIESEL, P.C.
560 LEXINGTON AVENUE, 15TH FLOOR
NEW YORK, NY 10022
212-421-2150
NDUNCAN@SPRLAW.COM

PROPERTY DATA

Borough	Block	Lot		Unit	Address
BROOKLYN	439	1	Entire Lot		498 UNION STREET

Property Type: APARTMENT BUILDING Easement

Borough	Block	Lot		Unit	Address
BROOKLYN	439	10	Entire Lot		417 CARROLL STREET

Property Type: OTHER Easement

CROSS REFERENCE DATA

CRFN_____ *or* DocumentID_____ *or* _____ Year_____ Reel____ Page_____ *or* File Number_____

PARTIES

GRANTOR/SELLER:
GOWANUS NEVINS NORTH LLC
C/O: TAVROS HOLDINGS LLC, 19 WEST 24TH STREET, 12TH FLOOR
NEW YORK, NY 10010

☒ Additional Parties Listed on Continuation Page

GRANTEE/BUYER:
PEOPLE OF NEW YORK BY DEPT. ENVIRONMENTAL CONSERVA
625 BROADWAY
ALBANY, NY 12233

FEES AND TAXES

Mortgage :		
Mortgage Amount:	$	0.00
Taxable Mortgage Amount:	$	0.00
Exemption:		
TAXES: County (Basic):	$	0.00
City (Additional):	$	0.00
Spec (Additional):	$	0.00
TASF:	$	0.00
MTA:	$	0.00
NYCTA:	$	0.00
Additional MRT:	$	0.00
TOTAL:	$	0.00
Recording Fee:	$	95.00
Affidavit Fee:	$	0.00

Filing Fee:	$	100.00
NYC Real Property Transfer Tax:	$	0.00
NYS Real Estate Transfer Tax:	$	0.00

RECORDED OR FILED IN THE OFFICE OF THE CITY REGISTER OF THE CITY OF NEW YORK
Recorded/Filed 08-06-2025 15:56
City Register File No.(CRFN): **2025000210783**

City Register Official Signature

NYC DEPARTMENT OF FINANCE
OFFICE OF THE CITY REGISTER

2025080100511001001C03A2

RECORDING AND ENDORSEMENT COVER PAGE (CONTINUATION) **PAGE 2 OF 13**

Document ID: 2025080100511001 Document Date: 07-14-2025 Preparation Date: 08-01-2025
Document Type: EASEMENT

PARTIES

GRANTOR/SELLER:
GOWANUS NEVINS SOUTH LLC
C/O: TAVROS HOLDINGS LLC, 19 WEST 24TH
STREET, 12TH FLOOR
NEW YORK, NY 10010

ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW

THIS INDENTURE made this 14th day of July, 2025, between Owners, Gowanus Nevins North LLC & Gowanus Nevins South LLC, both having an office at c/o Tavros Holdings LLC, 19 West 24th Street, 12th FL, New York, County and State of New York (the "Grantor"), and The People of the State of New York (the "Grantee"), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

WHEREAS, the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and the restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

WHEREAS, the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and

WHEREAS, Grantor, is the owner of real property located at the address of 318 Nevins Street a/k/a 498 Union Street & 417 Carroll Street in the City of New York, County of Kings and State of New York, known and designated on the tax map of the New York City Department of Finance as tax map parcel number: Block 439 Lot 1 & 10 (f/k/a Lot 1), being the same as that property conveyed to Grantor by deeds dated as of June 10, 2024 and recorded in the City Register of the City of New York in City Register File No. 2024000159730 & 2024000159731. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 2.322 +/- acres, and is hereinafter more fully described in the Land Title Survey dated April 4, 2025 prepared by Robert J. Fehringer, PLS No. 050001, which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

WHEREAS, the Department accepts this Environmental Easement in order to ensure the protection of public health and the environment and to achieve the requirements for remediation

established for the Controlled Property until such time as this Environmental Easement is extinguished pursuant to ECL Article 71, Title 36; and

NOW THEREFORE, in consideration of the mutual covenants contained herein and the terms and conditions of Brownfield Cleanup Agreement Index Number: C224350-03-22, Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement").

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls. The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.

A. (1) The Controlled Property may be used for:

Restricted Residential as described in 6 NYCRR Part 375-1.8(g)(2)(ii), Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv)

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP;

(4) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the New York City Department of Health and Mental Hygiene to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

(5) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(6) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(7) All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;

(8) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;

(9) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;

(10) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

B. The Controlled Property shall not be used for Residential purposes as defined in 6NYCRR 375-1.8(g)(2)(i), and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. The SMP may be modified in accordance with the Department's statutory and regulatory authority. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, New York 12233
Phone: (518) 402-9553

D. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the SMP that the Department approves for the Controlled Property and all Department-approved amendments to that SMP.

E. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of ECL Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation

pursuant to Title 36 of Article 71 of the Environmental Conservation Law.

F. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

G. Grantor covenants and agrees that it shall, at such time as NYSDEC may require, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury, in such form and manner as the Department may require, that:

(1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).

(2) the institutional controls and/or engineering controls employed at such site:

(i) are in-place;

(ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved by the NYSDEC and that all controls are in the Department-approved format; and

(iii) that nothing has occurred that would impair the ability of such control to protect the public health and environment;

(3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;

(4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;

(5) the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

(6) to the best of his/her knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and

(7) the information presented is accurate and complete.

3. Right to Enter and Inspect. Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

4. Reserved Grantor's Rights. Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Property, including:

A. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

B. The right to give, sell, assign, or otherwise transfer part or all of the underlying fee interest to the Controlled Property, subject and subordinate to this Environmental Easement;

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person violates this Environmental Easement, the Grantee may revoke the Certificate of Completion with respect to the Controlled Property.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach, and Grantee may take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement, including the commencement of any proceedings in accordance with applicable law.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar any enforcement rights.

6. Notice. Whenever notice to the Grantee (other than the annual certification) or approval from the Grantee is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:

County, NYSDEC Site Number, NYSDEC Brownfield Cleanup Agreement, State Assistance Contract or Order Number, and the County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to:

Site Number: C224350
Office of General Counsel
NYSDEC
625 Broadway
Albany New York 12233-5500

With a copy to:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, NY 12233

All notices and correspondence shall be delivered by hand, by registered mail or by Certified mail and return receipt requested. The Parties may provide for other means of receiving and communicating notices and responses to requests for approval.

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

8. Amendment. Any amendment to this Environmental Easement may only be executed by the Commissioner of the New York State Department of Environmental Conservation or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation, or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

11. Consistency with the SMP. To the extent there is any conflict or inconsistency between the terms of this Environmental Easement and the SMP, regarding matters specifically addressed by the SMP, the terms of the SMP will control.

Remainder of Page Intentionally Left Blank

IN WITNESS WHEREOF, Grantor has caused this instrument to be signed in its name.

Gowanus Nevins North LLC:

By: _____

Print Name: Nicholas Silvers

Title: Authorized Signatory Date: 6/26/25

Grantor's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF New York)

On the 26 day of June, in the year 2025, before me, the undersigned, personally appeared Nicholas Silvers, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Notary Public - State of New York

JOAN KIELY
Notary Public - State of New York
No. 01KI0022666
Qualified in New York County
My Commission Expires 03-22-2028

IN WITNESS WHEREOF, Grantor has caused this instrument to be signed in its name.

Gowanus Nevins South LLC:

By: _____

Print Name: Nicholas Silvers

Title: Authorized Signatory Date: 6/26/25

Grantor's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF New York)

On the 26 day of June, in the year 2025, before me, the undersigned, personally appeared Nicholas Silvers, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Notary Public - State of New York

JOAN KIELY
Notary Public - State of New York
No. 01KI0022666
Qualified in New York County
My Commission Expires 03-22-2028

THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK, Acting by and Through the Department of Environmental Conservation as Designee of the Commissioner,

By: _____
Andrew O. Guglielmi, Director
Division of Environmental Remediation

Grantee's Acknowledgment

STATE OF NEW YORK)
) ss:
COUNTY OF ALBANY)

On the 14 day of July, in the year 2025 before me, the undersigned, personally appeared Andrew O. Guglielmi, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public - State of New York

Cheryl A. Salem
Notary Public State of New York
Registration No. 01SA0002177
Qualified in Albany County
My Commission Expires March 3, 2027

SCHEDULE "A" PROPERTY DESCRIPTION

Environmental Easement Legal Description

ALL that certain plot, piece or parcel of land, situate, lying and being in the Borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:

BEGINNING at the corner formed by the intersection of the northwesterly side of Nevins Street with the southwesterly side of Union Street;

RUNNING THENCE northwesterly along the southwesterly side of Union Street forming an interior angle of 89 degrees 47 minutes 45 seconds for a distance of 225 feet 0 inches to the southeasterly side of Gowanus Canal;

THENCE southwesterly along the southeasterly side of Gowanus Canal forming an interior angle of 90 degrees 12 minutes 15 seconds with the last course for a distance of 429 feet 10 3/4 inches;

THENCE southerly along the southeasterly side of Gowanus Canal forming an interior angle of 156 degrees 47 minutes 29 seconds with the last course for a distance of 21 feet 10 inches to the northeasterly side of Carroll Street;

THENCE southeasterly along the northeasterly side of Carroll Street forming an interior angle of 113 degrees 00 minutes 16 seconds with the last course for a distance of 216 feet 4 3/4 inches to the northwesterly side of Nevins Street;

THENCE northeasterly along the northwesterly side of Nevins Street forming an interior angle of 90 degrees 12 minutes 15 seconds with the last course for a distance of 450 feet 0 inches to the point or place of BEGINNING.

Containing within said bounds 2.322 Acres or 101,162.09 square feet.

Recorded Deed Descriptions

Lot 1:

ALL that certain plot, piece or parcel of land, situate, lying and being in the Borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:

BEGINNING at the corner formed by the intersection of the northwesterly side of Nevins Street with the southwesterly side of Union Street;

RUNNING THENCE northwesterly along southwesterly side of Union Street forming interior angle of 89 degrees 47 minutes 45 seconds for a distance of 225 feet 0 inches to southeasterly side of Gowanus Canal;

RUNNING THENCE southwesterly along southeasterly side of Gowanus Canal forming an interior angle of 90 degrees 12 minutes 15 seconds with the last course for a distance of 225 feet 0 inches;

RUNNING THENCE southeasterly forming an interior angle of 89 degrees 47 minutes 45 seconds with the last course for a distance of 225 feet 0 inches to a point on northwesterly side of Nevin Street; and

RUNNING THENCE northeasterly along northwesterly side of Nevins Street forming an interior angle of 90 degrees 12 minutes 15 seconds with the last course for a distance of 225 feet 0 inches to the point or place of BEGINNING.

Containing within said bounds 1.162 Acres or 50,625.46 square feet.

Lot 10:

ALL that certain plot, piece or parcel of land, with the buildings and improvements thereon erected, situate, lying and being in the Borough of Brooklyn, County of Kings, City and State of New York, bounded and described as follows:

BEGINNING at the corner formed by the intersection of the westerly side of Nevins Street with the northerly side of Carroll Street;

RUNNING THENCE, westerly along the northerly side of Carroll Street to the easterly side of Gowanus Canal, 216 feet 4-3/4 inches;

THENCE, northerly along a line forming an interior angle 113 degrees 00 minutes 16 seconds with the northerly side of Carroll Street and along the easterly side of Gowanus Canal, 21 feet 10 inches;

THENCE, northerly along a line forming an interior angle 156 degrees 47 minutes 29 seconds with the last-mentioned course and along the easterly side of Gowanus Canal, 204 feet 10-3/4 inches;

THENCE, easterly along a line forming an interior angle 90 degrees 12 minutes 15 seconds with the easterly side of Gowanus Canal to the westerly side of Nevins Street, 225 feet;

THENCE, southerly along a line forming an interior angle 89 degrees 47 minutes 45 seconds with the last-mentioned course and along the westerly side of Nevins Street, 225 feet to the point or place of BEGINNING.

Containing within said bounds 1.160 acres, or 50,536.63 square feet.

Appendix B

List of Contacts

Site Management Plan
NYSDEC BCP #C224350

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
FAX: (631) 269-1599

LIST OF CURRENT SITE CONTACTS

Name	Phone/Email Address
Site Owner: Gowanus Nevins North LLC & Gowanus Nevins South LLC	(570)801-0489 pcaporaso@tavroscapital.com
Qualified Environmental Professional: Kevin Kleaka	(516) 805-8892 kkleaka@impactenvironmental.com
Remedial Engineer: Brad Summerville	(856) 625-9229 bsummerville@impactenvironmental.com
NYSDEC DER Project Manager: Aaron Fischer	(518) 402-9805 Aaron.Fischer@dec.ny.gov
NYSDEC DER Project Manager's Supervisor: Lisa Gorton	(518) 402-9574 lisa.gorton@dec.ny.gov
NYSDOH Project Manager: Christopher Budd	(518) 402-1769 christopher.budd@health.ny.gov
Remedial Party Attorney: Michael Bogin	(646) 378-7210 mbogin@sprlaw.com

Appendix C

Boring Logs

Site Management Plan
NYSDEC BCP #C224350

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
FAX: (631) 269-1599

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-7**	
	Site Address: 318 Nevins Street		
	Weather: Rain, 50		
	Geologist: AK	Total Depth: 15'	
Start Date: 10/3/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 10/3/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 12:00	Sampler Type/Len: Dual Tube	56790.65N, 300995.19E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
1	0	SB-7 (0-2)	0-5	Dry	24"	ML/Fill	Brown silty sand with gravel fill, limited recovery	
	0							
2	0							
3	0							
4	0							
5	0							
6	0	SB-7 (6-8)	5-10'	Wet	35"	ML	Brown/Gray silty sand and clay	
7	0							
8	0							
9	0							
10	0		10-15'	Wet	40"	CL	Gray clay with root fragments	
11	0							
12	0							
13	0	SB-7 (13-15)						
14	0							
15							End of boring at 15 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-8**	
	Site Address: 318 Nevins Street		
	Weather: Rain, 50		
	Geologist: AK	Total Depth: 15'	
Start Date: 10/3/22	Drilling Company: PG	GW: 6-7'	
Start Time: 12:00	Driller: Orlando		
Completion Date: 10/3/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56848.66N, 301023.36E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
1	0	SB-8 (0-2)	0-5	Dry	60"	ML/Fill	2' Brown silty sand with gravel and trace brick and then 2' of 100% brick, bottom 12" silty brown sand	
	0							
2	0							
3	0							
4	0							
5	0		5-10'	Wet	60"	CL/ML	Gray silt and clay	
6	0	SB-8 (6-8)						
7	0							
8	0							
9	0							
10	0		10-15'	Wet	60"	CL	Gray clay	
11	0							
12	0							
13	0	SB-8 (13-15)						
14	0							
15							End of boring at 15 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-9**	
	Site Address: 318 Nevins Street		
	Weather: Rain, 50		
	Geologist: AK	Total Depth: 80'	
Start Date: 10/5/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 10/5/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56855.43N, 300970.35E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
1	0	SB-9 (0-2)	0-5	Dry	60"	ML/Fill	Brick fragments and black compact silt with some sand with trace clay, limited recovery	
	0							
2	0							
3	0							
4	0							
5	1.5		5-10'	Wet	60"	ML/Fill	Gravel, shell pieces, compact silty sand, transistion to compact silty clay at 9'	
6	2.3	SB-9 (6-8)						
7	15.2							
8	5.8							
9	1.5							
10	0		10-15'	Wet	60"	CL	Gray clay and peat with root pieces	
11	0.5							
12	0							
13	1.2							
14	4.3							
15	10.3		15-20'	Wet	60"	CL	Gray clay, at 19-20', black peat with wood, odors	
16	9.8							
17	7.2							
18	8.4							
19	9.2							
20	0		20-25'	Wet	60"	SP/ML	Fine gray sand transistions to silty clay	
21	0							
22	0							
23	0							
24	0							
25	0							

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
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Start Time: 7:00	Driller: Orlando		
Completion Date: 10/5/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56855.43N, 300970.35E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
25	0		25-30"	Wet	60"	SP	Brown medium to coarse sand	
26	0							
27	0							
28	0							
29	0							
30	0		30-35'	Wet	60"	SP	Brown medium to coarse sand	
31	0							
32	0							
33	0							
34	0							
35	0		35-40'	Wet	60"	SP	Brown medium to coarse sand	
36	0							
37	0							
38	0							
39	0							
40	0		40-45'	Wet	60"	SP	Brown medium to coarse sand	
41	0							
42	0							
43	0							
44	0							
45	0		45-50'	Wet	60"	SP	Brown medium to coarse sand	
46	0							
47	0							
48	0							
49	0							
50								

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-9**	
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Completion Date: 10/5/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56855.43N, 300970.35E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
50	0		50-55'	Wet	60"	SP	Brown medium to coarse sand	
51	0							
52	0							
53	0							
54	0							
55	0		55-60'	Wet	60"	SP	Brown fine to medium sand	
56	0							
57	0							
58	0							
59	0							
60	0		60-65'	Wet	60"	SP/ML	Brown fine sand and silt with some clay, trace gravel	
61	0							
62	0							
63	0							
64	0							
65	0		65-70'	Wet	60"	SP/ML	Brown fine sand and silt with some clay, trace gravel	
66	0							
67	0							
68	0							
69	0							
70	0		70-75'	Wet	60"	ML	Silty sand with clay	
71	0							
72	0							
73	0							
74	0							
75								

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-9**	
	Site Address: 318 Nevins Street		
	Weather: Rain, 50		
	Geologist: AK	Total Depth: 80'	
Start Date: 10/5/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 10/5/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56855.43N, 300970.35E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
76	0		75-80'	Wet	60"	ML	Silty sand with clay	
	0							
77	0							
78	0	SB-9 (78-80)						
79	0							
80							End of boring at 80 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-10**	
	Weather: Rain, 50		
	Geologist: AK	Total Depth: 15'	
Start Date: 10/6/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 10/6/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 11:00	Sampler Type/Len: Dual Tube	56892.18N, 300992.83E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
1	0	SB-10 (0-2)	0-5	Dry	60"	ML/Fill	Brown silty sand with gravel and brick fragments, limited recovery	
	0							
2	0							
3	0							
4	0							
5	0		5-10'	Wet	60"	ML/Fill	Brown silty sand and brick fragments with trace gravel and clay	
6	0	SB-10 (6-8)						
7	0							
8	0							
9	0							
10	0		10-15'	Wet	60"	CL	Gray clay with roots, peaty, trace odor	
11	0							
12	11.1							
13	10.5	SB-10 (13-15)						
14	13							
15							End of boring at 15 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-11**	
	Site Address: 318 Nevins Street		
	Weather: Rain, 50		
	Geologist: AK	Total Depth: 15'	
Start Date: 10/6/22	Drilling Company: PG	GW: 6-7'	
Start Time: 11:00	Driller: Orlando		
Completion Date: 10/6/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56920.70N, 300997.19E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
1	0	SB-11 (0-2)	0-5	Dry	60"	ML/Fill	Brown compact silty sand with brick fragments and some gravel	
	0							
2	0							
3	0							
4	0							
5	13		5-10'	Wet	60"	ML	Brown silty sand, wet at 7'	
6	11.8	SB-11 (6-8)						
7	12							
8	5.6							
9	4.8							
10	0		10-15'	Wet	60"	ML	Brown silty sand with medium to coarse sand and gravel	
11	0							
12	0							
13	0	SB-11 (13-15)						
14	0							
15							End of boring at 15 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**
	Site/Project Name: 318 Nevins Street	
	Site Address: 318 Nevins Street	**TF-2**
	Weather: Rain, 50	
	Geologist: AK	Total Depth: 15'
Start Date: 10/11/22	Drilling Company: PG	GW: 6-7'
Start Time: 7:00	Driller: Orlando	
Completion Date: 10/11/22	Drill Rig: 7822 DT	GPS Coordinates:
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56909.40N, 301002.11E

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
1	0		0-5	Dry	6"	ML/Fill	Black silty sand with gravel and brick fragments, limited recovery	
	0							
2	0							
3	0							
4	0							
5	0		5-10'	Wet	60"	ML	5-8' Black silty sand 8-10' Gray silty sand with gravel, petroleum odors	
6	2.3							
7	16.7							
8	150	TF-2 (8-10)						
9	52.3							
10	32.8	TF-2 (10-12)	10-15'	Wet	60"	SP	10-11' Gray silty sand, trace odors 11-15' transistions to a medium brown sand	
11	1.2							
12	0							
13	0	TF-2 (13-15)						
14	0							
15							End of boring at 15 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**TF-3**	
	Site Address: 318 Nevins Street		
	Weather: Rain, 50		
	Geologist: AK	Total Depth: 10'	
Start Date: 10/12/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 10/12/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56913.07N, 301007.96E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
1	0		0-5	Dry	60"	ML	Tan sand with concrete and brick fragments	
	0							
2	0							
3	0							
4	0							
5	0		5-10'	Wet	60"	ML	Tan sand with trace gravel	
6	0	TF-3 (6')						
7	0							
8	0							
9	0							
10							End of boring at 10 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**TF-4**	
	Site Address: 318 Nevins Street		
	Weather: Rain, 50		
	Geologist: AK	Total Depth: 15'	
Start Date: 10/12/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 10/12/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56905.51N, 301009.08E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
1	0		0-5	Dry	6"	ML/Fill	Black silty sand with gravel and brick fragments, limited recovery	
	0							
2	0							
3	0							
4	0							
5	0		5-10'	Wet	60"	ML	5-8 Black silty sand 8-10 Gray silty sand with gravel, petroleum odors	
6	0	TF-4 (6-7)						
7	20							
8	1050	TF-4 (8-10)						
9	450							
10	37		10-15'	Wet	60"	,.	10-11Gray silty sand, trace odors 11-15 transistions to a medium brown sand	SB-DUP-3/ TF-4 (11-13)
11	0	TF-4 (11-13)						
12	0							
13	0							
14	0							
15							End of boring at 15 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**
	Site/Project Name: 318 Nevins Street	
	Site Address: 318 Nevins Street	**OWS-1**
	Weather: Rain, 50	
	Geologist: AK	Total Depth: 15'
Start Date: 10/12/22	Drilling Company: PG	GW: 6-7'
Start Time: 7:00	Driller: Orlando	
Completion Date: 10/12/22	Drill Rig: 7822 DT	GPS Coordinates: X,Y
Completion Time: 3:00	Sampler Type/Len: Dual Tube	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
1	0		0-5	Dry	6"	ML	Limited recovery	
	0							
2	0							
3	0							
4	0							
5	0	OWS-1 (4-6)						
6	0		5-10'	Wet	60"	ML/Fill	Brown fine sand with silt- at 7' chunks of wood with strong odor 7-10 Gray silt with trace clay	
7	0	OWS-1 (6-8)						
	32							
8	2							
9	0							
10	0		10-15'	Wet	60"	,.	Brown medium sand	
11	0							
12	0							
13	0							
14	0							
15							End of boring at 15 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**OWS-2**	
	Weather: Rain, 50		
	Geologist: AK	Total Depth: 15'	
Start Date: 10/12/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 10/12/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
1	0		0-5	Dry	6"	ML	Limited recovery	
	0							
2	0							
3	0							
4	0							
5	0		5-10'	Wet	60"	ML	Brown medium sand	
6	32	OWS-2 (6)						
7	0							
8	2							
9	0							
10	0		10-15'	Wet	60"	SP	Brown medium sand	
11	0							
12	0							
13	0							
14	0							
15							End of boring at 15 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**TF-1**	
	Site Address: 318 Nevins Street		
	Weather: Rain, 50		
	Geologist: AK	Total Depth: 10'	
Start Date: 10/11/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 10/11/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56900.41N, 301002.15E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
1	0		0-5	Dry	60"	ML/Fill	Tan sand and brick fragments	
	0							
2	0							
3	0							
4	0							
5	0		5-10'	Wet	60"	ML	Tan sand with trace gravel	
6	0	TF-1 (6')						
7	0							
8	0							
9	0							
10							End of boring at 10 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-12**	
	Site Address: 318 Nevins Street		
	Weather: Rain, 50		
	Geologist: AK	Total Depth: 20'	
Start Date: 10/10/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 10/10/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56801.76N, 300978.16E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
1	0		0-5	Dry	45"	ML/Fill	Concrete, silty sand and brick fragments	
	0							
2	0							
	0							
3	0	SB-12 (4-6)						
4	0		5-10'	Dry	60"	ML/Fill	Black silty sand with some gravel, brick from 5-6'	
	0							
5	0							
	0							
6	0							
	0							
7	0	SB-12 (10-12)	10-15'	Wet	60"	CL	Gray silt with clay, root fragments	
	0							
8	0							
	0							
9	0							
10	0		15-20'	Wet	60"	CL	Gray clay	
	0							
11	0							
	0							
12	0	SB-12 (18-20)						
13	0							
	0							
14	0							
	0							
15							End of boring at 20 feet	
16								
17								
18								
19								
20								

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-13**	
	Weather: Rain, 50		
	Geologist: AK	Total Depth: 20'	
Start Date: 10/10/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 10/10/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 11:30	Sampler Type/Len: Dual Tube	56830.89N, 300991.07E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
1	0		0-5	Dry	40"	ML/Fill	Silty sand with brick fragments and gravel	
	0							
2	0							
3	0							
4	0							
5	0	SB-13 (4-6)						
	0		5-10'	Dry	60"	ML/Fill	Brown silty sand with brick fragments and trace clay	
6	0							
7	0							
8	0							
9	0							
10	0	SB-13 (10-12)	10-15'	Wet	60"	ML/CL	Brown silty sand with some clay	
11	0							
12	0							
13	0							
14	0							
15	0		15-20'	Wet	60"	CL	Dark brown gravel followed by gray clay with roots, peat	
16	0							
17	0							
18	0							
19	0	SB-13 (18-20)						
20	0							
							End of boring at 80 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-14**	
	Site Address: 318 Nevins Street		
	Weather: Rain, 50		
	Geologist: AK	Total Depth: 20'	
0Start Date: 10/10/22	Drilling Company: PG	GW: 6-7'	
Start Time: 11:30	Driller: Orlando		
Completion Date: 10/10/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 2:45	Sampler Type/Len: Dual Tube	56840.38N, 300998.02E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
1	0		0-5	Dry	40"	ML/Fill	Concrete, brown silty sand with brick fragments	
	0							
2	0							
3	0							
4	0							
5	0	SB-14 (4-6)						
6	0		5-10'	Dry	50"	ML/Fill	Brown to black silty sand with trace clay and brick fragments	
7	0							
8	0							
9	0							
10	0	SB-14 (10-12)	10-15'	Wet	60"	ML	Brown sity sand with clay silt and gravel	
11	0							
12	0							
13	0							
14	0							
15	0		15-20'	Wet	60"	ML/CL	Brown silt and clay with trace gravel	SB-DUP-2/ SB-14 (18-20)
16	0							
17	0							
18	0	SB-14 (18-20)						
19	0							
20							End of boring at 20 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-15**	
	Weather: Rain, 50		
	Geologist: AK	Total Depth: 20'	
Start Date: 10/10/22	Drilling Company: PG	GW: 6-7'	
Start Time: 9:30	Driller: Orlando		
Completion Date: 10/10/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 1:30	Sampler Type/Len: Dual Tube	56859.51N, 301008.01E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
1	0		0-5	Dry	24"	ML/Fill	Brown silty sand with gravel and brick	
	0							
2	0							
3	0							
4	0							
5	0		5-10'	Dry	45"	ML	Black silty sand with trace clay, gravel	
6	0							
7	0							
8	0							
9	0							
10	0		10-15'	Wet	60"	ML/CL	Black to brown silty sand, transistions to Gray/black clay at 12.5'	
11	0							
12	0							
13	0							
14	0							
15	0		15-20'	Wet	60"	CL	Gray clay with root fragments, peat and clay	
16	0							
17	0							
18	0							
19	0							
20	0							
							End of boring at 20 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Closures, Inc.
170 Keyland Court
Bohemia, NY 11716
P. (631) 269-8800
F. (631) 269-1599

	Project #: 15977	**Boring ID:**
	Site/Project Name: 318 Nevins Street	**SB-16**
	Site Address: 318 Nevins Street	
	Weather: Clear, 65	
	Geologist: AK	Total Depth: 80'
Start Date: 9/27/22	Drilling Company: PG	GW: 6-7'
Start Time: 7:00	Driller: Orlando	
Completion Date: 9/28/22	Drill Rig: 7822 DT	GPS Coordinates:
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56827.72N, 300945.02E

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
1	0.0	SB-16 (0-2)	0-5	Dry	60"	SP/Fill	Black silty sand with brick fragments, limited recovery	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet @6'	60"	ML	Brown to dark brown silt with trace clay and gravel, trace sand, wet at 6'	
6	0.0	SB-16 (6-7)						
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	60"	CL	Dark brown silt with clay and trace sand, some wood fragments	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	60"	CL	Gray clay, lean, low plasticity	
16	0.0							
17	0.0							
18	0.3							
19	0.0							
20								

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-16**	
	Site Address: 318 Nevins Street		
	Weather: Clear, 65		
	Geologist: AK	Total Depth: 80'	
Start Date: 9/27/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 9/28/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56827.72N, 300945.02E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
20	0.0		20-25'	Wet	60"	CL	Gray clay, lean, low plasticity	
21	0.0							
22	1.0							
23	0.5							
24	0.0							
25	0.0		25-30'	Wet	20"	CL	Limited recovery, fine gray sand, trace silt/clay	
26	0.0							
27	0.0							
28	0.0							
29	0.0							
30	0.0		30-35'	Wet	60"	SP	Fine gray sand, trace silt/clay	
31	0.0							
32	0.0							
33	0.0							
34	0.0							
35	50.0	SB-16 (35-37)	35-40'	Wet	60"	SP	Trace blebs, fine gray sand, odors	
36	8.0							
37	7.0							
38	15.0							
39	10.0							
40	2.0		40-45'	Wet	60"	SP	Brown medium to coarse sand	
41	1.5							
42	1.2							
43	1.0							

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-16**	
	Site Address: 318 Nevins Street		
	Weather: Clear, 65		
	Geologist: AK	Total Depth: 80'	
Start Date: 9/27/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 9/28/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56827.72N, 300945.02E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
44	1.5							
45								

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-16**	
	Site Address: 318 Nevins Street		
	Weather: Clear, 65		
	Geologist: AK	Total Depth: 80'	
Start Date: 9/27/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 9/28/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56827.72N, 300945.02E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
46	41.0	SB-16 (45-47)	45-50'	Wet	60"	SP	Trace impacts in liner, fine sand, napthalene odor	
	41.0							
47	31.0							
48	30.0							
49	11.3							
50	13.0		50-55'	Wet	60"	SP	Medium to coarse sand, trace napthalene odor	
51	8.1							
52	10.2							
53	2.2							
54	2.2							
55	2.7		55-60'	Wet	60"	SP	Medium to coarse brown sand	
56	1.4							
57	1.5							
58	1.7							
59	2.2							
60	0.5		60-65'	Wet	60"	SP/ML	Brown silty sand transition to silt with trace clay at 63'	
61	0.5							
62	0.6							
63	2.3							
64	1.2							
65	4.4		65-70'	Wet	60"	SP	Brown silty sand	
66	7.9							
67	8.3							
68	7.8							
69	7.5							

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-16**	
	Site Address: 318 Nevins Street		
	Weather: Clear, 65		
	Geologist: AK	Total Depth: 80'	
Start Date: 9/27/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 9/28/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56827.72N, 300945.02E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
70	7.5							

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-16**	
	Site Address: 318 Nevins Street		
	Weather: Clear, 65		
	Geologist: AK	Total Depth: 80'	
Start Date: 9/27/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 9/28/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56827.72N, 300945.02E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
71	0.0		70-75'	Wet	60"	SP	Brown silty sand	
	0.0							
72	0.0							
73	0.0							
74	0.0							
75	0.0		75-80'	Wet	60"	SP	Brown silty sand	
76	0.0							
77	0.0							
78	0.0	SB-16 (78-80)						
79	0.0							
80							End of boring at 80 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-17**	
	Site Address: 318 Nevins Street		
	Weather: Clear, 65		
	Geologist: AK	Total Depth: 80'	
Start Date: 9/28/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 9/28/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56883.33N, 300973.09E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
1	0.0	SB-17 (0-2)	0-5'	Dry/ Moist	40"	SP/ML/ Fill	Brown to dark brown compact silty sand with brick and concrete fragments	Impact stepped off the original location 6 times, refusal kept being met at 10-12'
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0							
6	0.0	SB-17 (6-8)	5-10'	Wet @ 7'	40"	ML/CL	Brown silty sand, transitions to Gray clay from 8-10	
7	0.0							
8	0.0							
9	0.0							
10	5.0		10-15'	Wet	50"	ML	Gray silty clay, wood chunks at 10-12 feet	
11	5.0							
12	0.0							
13	0.0							
14	0.0							
15	4.0		15-20'	Wet	45"	ML	Gray clayey silt, trace odor	
16	7.0							
17	10.0							
18	28.0							
19	32.0							
20	4.0		20-25'	Wet	60"	SP/ML	Gray silty sand with trace clay, at 23-25 blebs in liner, napthalene-odor	
21	32.0							
22	40.0							
23	130.0	SB-17 (23-25)						
24	55.0							
25								

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-17**	
	Site Address: 318 Nevins Street		
	Weather: Clear, 65		
	Geologist: AK	Total Depth: 80'	
Start Date: 9/28/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 9/28/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56883.33N, 300973.09E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
25	45.0		25-30"	Wet	60"	SP/ML	Free phase tar in liner, Gray silty sand matrix, napthalene-odor	
26	32.0							
27	17.0							
28	6.5							
29	3..8							
30	2.6		30-35'	Wet	60"	SP/ML	Gray silty sand, napthalene-odor	
31	5.0							
32	32.0							
33	56.0							
34	14.1							
35	12.9		35-40'	Wet	60"	SP/ML	Gray silty sand, transition to brown fine sand at 36'	
36	1.7							
37	0.0	SB-17 (37-39)						
38	0.0							
39	0.0							
40	0.0		40-45'	Wet	35"	SP	Brown coarse sand	
41	0.0							
42	0.0							
43	0.0							
44	0.0							
45	5.3		45-50'	Wet	40"	SP	Brown coarse sand	
46	0.0							
47	0.0							
48	0.0							
49	1.2							
50								

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-17**	
	Site Address: 318 Nevins Street		
	Weather: Clear, 65		
	Geologist: AK	Total Depth: 80'	
Start Date: 9/28/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 9/28/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56883.33N, 300973.09E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
50	3.1		50-55'	Wet	60"	SP	Brown coarse sand	
51	5.2							
52	1.2							
53	0.5							
54	1.5							
55	3.4		55-60'	Wet	60"	SP	Brown coarse sand	
56	3.2							
57	0.5							
58	1.2							
59	0.0							
60							refusal @60	
							End of boring at 60' feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-18**	
	Site Address: 318 Nevins Street		
	Weather: Clear, 65		
	Geologist: AK	Total Depth: 80'	
Start Date: 9/29/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 9/30/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56898.26N, 301026.20E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
1	0.0		0-5	dry	NONE	NA	Mud rotary due to numerous refusals. No recovery.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	wet	18"	Gravel/Fill	Limited recovery; very coarse gravel and brick fragments, trace gray silty sand	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	wet	60"	Gravel/ML	10-12': gravel 12-15': gray silt	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	1.5		15-20'	Wet	60"	SP/ML	Gray silt w/ fine sand	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	60"	ML	Gray silt transitioning to fine brown sand and trace silt	
21	0.0							
22	0.0							
23	0.0							
24	0.0							
25								

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-18**	
	Site Address: 318 Nevins Street		
	Weather: Clear, 65		
	Geologist: AK	Total Depth: 80'	
Start Date: 9/29/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 9/30/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56898.26N, 301026.20E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
25	0.0		25-30"	Wet	20"	CL	Brown silt with clay transition to fine-medium sand at 27.5	
26	0.0							
27	0.0							
28	0.0							
29	0.0							
30	0.0		30-35'	Wet	60"	SP	Brown medium sand	
31	0.0							
32	0.0							
33	0.0							
34	0.0							
35	0.0		35-40'	Wet	60"	SP	Brown med sand w/ pebbles	
36	0.0							
37	0.0							
38	0.0							
39	0.0							
40	0.0		40-45'	Wet	60"	SP	Brown med sand w/ trace gravel	
41	0.0							
42	0.0							
43	0.0							
44	0.0							
45	0.0		45-50'	Wet	10"	SP	Brown medium sand	
46	0.0							
47	0.0							
48	0.0							
49	0.0							
50								

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-18**	
	Site Address: 318 Nevins Street		
	Weather: Clear, 65		
	Geologist: AK	Total Depth: 80'	
Start Date: 9/29/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 9/30/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56898.26N, 301026.20E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
50	0.0		50-55'	Wet	60"	SP	Coarse brown sand	
51	0.0							
52	0.0							
53	0.0							
54	0.0							
55	0.0		55-60'	Wet	60"	SP	Coarse brown sand	
56	0.0							
57	0.0							
58	0.0							
59	0.0							
60	0.0		60-65'	Wet	60"	SP	Brown very coarse gravel and sand	
61	0.0							
62	0.0							
63	0.0							
64	0.0							
65	0.0		65-70'	Wet	60"	SP	Coarse gravel and sand	
66	0.0							
67	0.0							
68	0.0							
69	0.0							
70	7.0		70-75'	Wet	60"	SP	Fine to medium sand with trace silt, no odors	
71	7.0							
72	30.0	SB-18 (72-74)						
73	32.0							
74	70.0							
75								

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-18**	
	Weather: Clear, 65		
	Geologist: AK	Total Depth: 80'	
Start Date: 9/29/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 9/30/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56898.26N, 301026.20E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
75	0.0		75-80'	Wet	60"	SP	Fine to medium sand with trace silt	
76	0.0							
77	0.0							
78	0.0	SB-18 (78-80)						
79	0.0							
80							End of boring at 80 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977 Site/Project Name: 318 Nevins Street Site Address: 318 Nevins Street Weather: Clear, 65	**Boring ID:** **SB-19**
	Geologist: AK	Total Depth: 80'
Start Date: 9/30/22	Drilling Company: PG	GW: 6-7'
Start Time: 7:00	Driller: Orlando	
Completion Date: 10/3/22	Drill Rig: 7822 DT	GPS Coordinates:
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56867.99N, 301033.40E

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
1	0.0	SB-19 (0-2)	0-5	Dry	60"	SP/Fill	Black and brown silty sand	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0							
6	0.0	SB-19 (6-8)	5-10'	Wet	60"	ML	Tan to black silt w/ trace sand	
	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	60"	ML/CL	Silty sand then peat w/ wood pieces from 12-15'	
11	6.8							
12	70.0	SB-19 (12-14)						
13	35.0							
14	3.0							
15	1.5		15-20'	Wet	60"	SP	Fine sand with silt	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	60"	SP	Fine sand	
21	0.0							
22	0.0							
23	0.0							

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-19**	
	Site Address: 318 Nevins Street		
	Weather: Clear, 65		
	Geologist: AK	Total Depth: 80'	
Start Date: 9/30/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 10/3/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56867.99N, 301033.40E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
24	0.0							
25	0.0							
26	0.0							
27	0.0		25-30"	Wet	20"	SP	Fine-medium sand	
28	0.0							
29	0.0							
30	0.0							
31	0.0							
32	0.0		30-35'	Wet	60"	SP	Coarse sand	
33	0.0							
34	0.0							
35	0.0							
36	0.0							
37	0.0		35-40'	Wet	60"	SP	Coarse sand	
38	0.0							
39	0.0							
40	0.0							
41	0.0							
42	0.0		40-45'	Wet	60"	SP	Medium to coarse sand	
43	0.0							
44	0.0							
45	0.0							
46	0.0							
47								

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-19**	
	Site Address: 318 Nevins Street		
	Weather: Clear, 65		
	Geologist: AK	Total Depth: 80'	
Start Date: 9/30/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 10/3/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56867.99N, 301033.40E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
47	0.0		45-50'	Wet	10"	SP	Medium to coarse sand	
48	0.0							
49								

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-19**	
	Weather: Clear, 65		
	Geologist: AK	Total Depth: 80'	
Start Date: 9/30/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 10/3/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56867.99N, 301033.40E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
49	0.0							
50	0.0		50-55'	Wet	60"	SP	Medium to coarse sand	
51	0.0							
52	0.0							
53	0.0							
54	0.0							
55	0.0		55-60'	Wet	60"	SP	Medium to coarse sand	
56	0.0							
57	0.0							
58	0.0							
59	0.0							
60	0.0		60-65'	Wet	60"	SP	Medium to coarse sand	
61	0.0							
62	0.0							
63	0.0							
64	0.0							
65								

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-19**	
	Site Address: 318 Nevins Street		
	Weather: Clear, 65		
	Geologist: AK	Total Depth: 80'	
Start Date: 9/30/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 10/3/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56867.99N, 301033.40E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
65	0.0		65-70'	Wet	60"	SP	Medium to coarse sand	
66	0.0							
67	0.0							
68	0.0							
69	0.0							
70	0.0		70-75'	Wet	60'	SP	Medium to coarse sand	
71	0.0							
72	0.0							
73	0.0							
74	0.0							
75	0.0		75-80'	Wet	60'	SP	Medium to coarse sand	
76	0.0							
77	0.0							
78	0.0							
79	0.0							
80	0.0		80-85'	Wet	60'	SP	Light brown silty sand	
81	0.0							
82	0.0							
83	0.0	SB-19 (83-85')						
84	0.0							
85							End of boring at 80 feet	

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-20**	
	Site Address: 318 Nevins Street		
	Weather: Rain, 50		
	Geologist: AK	Total Depth: 80'	
Start Date: 10/3/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 10/3/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56788.64N,300972.64E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
1	0	SB-20 (0-2)	0-5	Dry	60"	SP/ML/Fill	Black and brown silty sand with brick fragments, wood with odors at 5', limited recovery	
	0							
2	0							
3	0	SB-20 (3-5)						
4	300							
5	32		5-10'	Wet	60"	ML	Stained silty sand	
6	56	SB-20 (6-8)						
7	80							
8	20							
9	15							
10	20		10-15'	Wet	60"	ML	Silt, stained to Gray, with litte to trace clay	
11	6.8							
12	1.5							
13	2.6							
14	3							
15	1.5		15-20'	Wet	60"	ML/CL	Silty clay transition to gray clay @17.5	
16	0.8							
17	0.6							
18	0							
19	0							
20	1.2		20-25'	Wet	60"	CL	Gray clay, lean, low plasticity	
21	0.6							
22	0							
23	0.5							
24	0							

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-20**	
	Site Address: 318 Nevins Street		
	Weather: Rain, 50		
	Geologist: AK	Total Depth: 80'	
Start Date: 10/3/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 10/3/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56788.64N,300972.64E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
25	0							

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-20**	
	Site Address: 318 Nevins Street		
	Weather: Rain, 50		
	Geologist: AK	Total Depth: 80'	
Start Date: 10/3/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 10/3/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56788.64N,300972.64E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
25	0		25-30"	Wet	20"	SP	Brown medium to coarse sand	
26	0							
27	0							
28	0							
29	0							
30	0		30-35'	Wet	60"	SP	Brown medium to coarse sand	
31	0							
32	0							
33	0							
34	0							
35	0		35-40'	Wet	60"	SP	Brown medium to coarse sand	
36	0							
37	0							
38	0							
39	0							
40	0		40-45'	Wet	60"	SP	Brown medium to coarse sand	
41	0							
42	0							
43	0							
44	0							
45	0		45-50'	Wet	60"	SP	Brown medium to coarse sand	
46	0							
47	0							
48	0							
49	0							

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-20**	
	Site Address: 318 Nevins Street		
	Weather: Rain, 50		
	Geologist: AK	Total Depth: 80'	
Start Date: 10/3/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 10/3/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56788.64N,300972.64E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
50	0							

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-20**	
	Site Address: 318 Nevins Street		
	Weather: Rain, 50		
	Geologist: AK	Total Depth: 80'	
Start Date: 10/3/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 10/3/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56788.64N,300972.64E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
50	0		50-55'	Wet	60"	SP	Brown medium to coarse sand	
51	0							
52	0							
53	0							
54	0							
55	0		55-60'	Wet	60"	SP	Coarse sand	
56	0							
57	0							
58	0							
59	0							
60	0		60-65'	Wet	60"	SP	Coarse sand	
61	0							
62	0							
63	0							
64	0							
65	0		65-70'	Wet	60"	SP	Coarse sand	
66	0							
67	0							
68	0							
69	0							
70	0		70-75'	Wet	60'	SP	Fine brown silty sand	
71	0							
72	0							
73	0							
74	0							
75	0							

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-20**	
	Site Address: 318 Nevins Street		
	Weather: Rain, 50		
	Geologist: AK	Total Depth: 80'	
Start Date: 10/3/22	Drilling Company: PG	GW: 6-7'	
Start Time: 7:00	Driller: Orlando		
Completion Date: 10/3/22	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 3:00	Sampler Type/Len: Dual Tube	56788.64N,300972.64E	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
75	0		75-80'	Wet	60'	SP	Fine brown silty sand	SB-DUP-1/ SB-20 (78-80)
76	0							
77	0							
78	0	SB-20 (78-80)						
79	0							
80							End of boring at 80 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Gravels (more than 50% of coarse fraction larger than No. 4 sieve size)	GW GP GM GC
Sands (50% or more of coarse fraction smaller than No. 4 sieve size)	SW SP SM SC
Silts and Clays (liquid limit less than 50%)	ML CL OL
Silts and clays (liquid limit 50% or greater)	MH CH OH
Highly organic soils	PT

SOIL BORING LOG

Unified Soil Classification System

Coarse-Grained Soils (More than 50% pf material is larger than No. 200 sieve size)

Clean Gravel (less than 5% fines)

Well-graded gravels,gravel-sand mixtures, little or no fines

Poorly-graded gravels, granvel-sand mixtures, little or no fines

Gravels with fines (more than 12% fines)

Silty Gravels, gravel-sand-silt-mixtures

Clayey gravels, gravel-sand-clay mixtures

Clean Sands (Less than 5% fines)

Well-graded sands, gravelly sands, little or no fines

Poorly graded sands, gravelly sands, little or no fines

Sands with fines (more than 12% fines)

Silty sands, sand-silt mixtures

Slayey sands, sand-clay mixtures

Fine-Grained Soils (50% or more of material is smaller than No. 20 sieve size)

Inorganic silts and very fine sands, rock flour, silty or clayey fine sands or clayey silts with slight plasticity

Inorganic clays of low to medium plasticity, gravelly clays, sandy clays, silty clays, lean clays

Organic silts and organic silt clays of low plasticity

Inorganic silts, micaetous or diatomaceous fine sandy or silty soils, elastic silts

Inorganic clays of high plasticity, fat clays

Organic clays of medium to high plasticity, organic silts

Peat and other highly organic soils

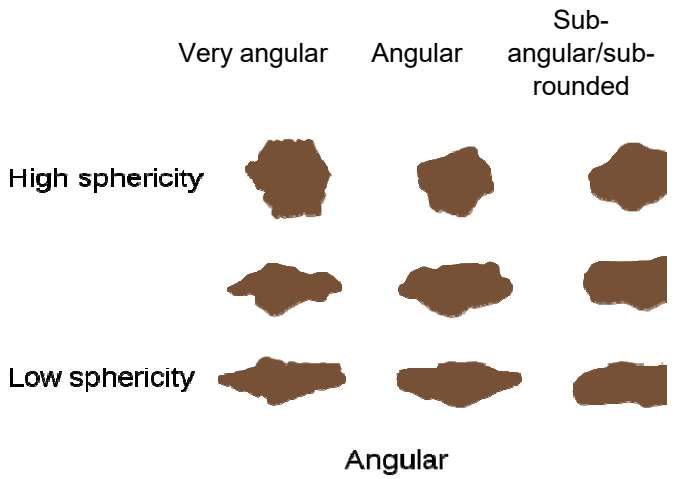
SOIL BORING LOG

Determine percentages of sand and gravel. Depending on percentage of fines (fraction smaller than No. 200 sieve size), coarse-grained soils are classified as follows:

Less than 5% fines	GW,GP,SW,SP
More than 12% fines	GM,GC,SM,SC
5 to 12 % fines	borderline case requiring Dual symbols

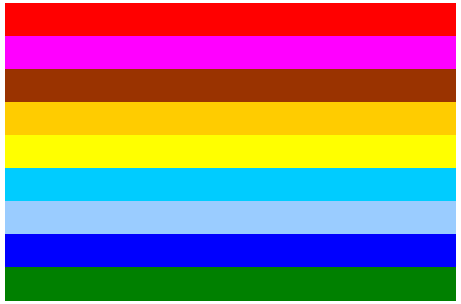
Field Descriptions of Samples for Former Manufactured Gas Plant Sites

[Coarse Grained Example]	NARROWLY GRADED SAND (SP); mostly fine sand; <5% fines; red-brown, moist.
[Fine Grained Example]	SANDY SILT (ML); heterogeneous till structure, nonplastic, ~30% fine to coarse, subangular sand; ~10% subangular fine gravel, max size ~10 mm, brown



BLEBS	spericals of tar/free product-but predominantly the soil matrix is not visibly contaminated or saturated.
Purifier Material	brown/rust or blue/green wood chips or granular material. Associated with a distinctive sulfur-like odor

tar saturated
Coated Material, Lenses
Hardened Tar
Blebs, Globs, Sheen
Staining, Odor
petroleum impacts saturation & sheens
Petroleum Impacts Staining & Odors
Purifier Waste and Odor
No observed Impacts



rounded well-rounded

Rounded

Typically residual product.
. Other colors possible

SOIL BORING LOG

Impact Environmental 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-16-E1**	
	Weather: Clear, 37, overcast		
	Geologist: AK	Total Depth: 60'	
Start Date: 1/10/23	Drilling Company: PG	GW: 6-7'	
Start Time: 8:00	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/10/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
1	0.0		0-5	Dry	40''	Fill/ML	Brown fine silty sand with gravel and brick fragments/crushed	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	15.0		5-10'	Moist	60''	Fill/ML	5-8 Dark gray silt with an interval of wood pieces @ 5.5, trace wood pieces at 7' 8-10 gray silt with clay, trace gravel, little sand	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	60''	CL	10-12.5 gray clay with some silt, peat (roots) interval @ 12' 12.5-15 Gray clay	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	60''	CL	Gray clay, peat (roots) 3'' @20'	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	60''	CL/ML	20-21 Peat (roots) 21-23 gray clay 23-25 Blue gray silty clay, compact	
21	0.0							
22	0.0							
23	0.0							
24	0.0							
25								

SOIL BORING LOG

25								
26	0.0							
	0.0							
27	0.0		25-30''	Wet	60''	ML	Fine gray sand and silt	
28	0.0							
29	0.0							
30	0.0							
	0.0							
31	0.0							
32	0.0		30-35'	Wet	60''	SP	Brown fine sand	
33	0.0							
34	0.0							
35	0.0							
36	0.0							
37	0.0		35-40'	Wet	60''	SP	Brown-dark brown fine sand with trace pebbles	
38	0.0							
39	0.0							
40	0.0							
41	0.0							
42	0.0		40-45'	Wet	60''	SP	Medium brown sand	
43	0.0							
44	0.0							
45	0.0							
46	0.0							
47	0.0		45-50'	Wet	60''	SP	Medium- Coarse brown sand	
48	0.0							
49	0.0							
50	0.0							
51	0.0							
52	0.0		50-55'	Wet	60''	SP	Coarse brown sand	
53	0.0							
54	0.0							
55	0.0							
56	0.0							
57	0.0		55-60'	Wet	60''	SP	Medium brown sand	
58	0.0							
59	0.0							
60							End of boring at 60 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-16-N1**	
	Site Address: 318 Nevins Street		
	Weather: Clear, 36, overcast		
	Geologist: AK	Total Depth: 60'	
Start Date: 1/11/23	Drilling Company: PG	GW: 6-7'	
Start Time: 8:00	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/11/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 13:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
1	0.0		0-5	Dry	35"	Fill/ML	Dark brown silty sand with brick fragments and gravel	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	35"	Fill ML/CL	Dark brown silt with some clay, brick fragments and gravel 1" interval of wood at 7'	
6	15.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	45"	Fill/ML	Dark brown silt and clay with gravel	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	40"	Fill/ML	Gray silty clay with some gravel	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	60"	CL/SP	20-21': Meadow mat:peat and roots, slight organic odor 21-24' Gray clay 24-25' Gray fine sand	
21	0.0							
22	0.0							
23	0.0							
24	0.0							
25								

SOIL BORING LOG

25								
26	0.0		25-30"	Wet	60"	SP	Gray fine sand	
	0.0							
27	0.0							
28	0.0							
29	0.0							
30	6.0		30-35'	Wet	60"	SP	Gray fine sand with sheen, coal tar coated liner, slight napthalene-like odor. 34-35' heavily coated grains of fine sand	
31	7.9							
32	13.8							
33	47.3	SB-16-N1 (34-35) 9:40						
34	115.2							
35	9.6		35-40'	Wet	60"	SP	35-37' Brown fine sand with trace silt, trace sheen 37-40' tan to brown fine sand	
36	8.2							
37	6.7	SB-16-N1 (37-38) 10:30						
38	4.9							
39	1.4							
40	0.0		40-45'	Wet	60"	SP	Brown medium sand	
41	0.0							
42	0.0							
43	0.0							
44	0.0							
45	-		45-50'	N/A	N/A	N/A	No recovery	
46	-							
47	-							
48	-							
49	-							
50	0.0		50-55'	Wet	60"	SP	Brown course sand	
51	0.0							
52	0.0							
53	0.0							
54	0.0							
55	0.0		55-60'	Wet	60"	SP	Brown Course sand	
56	0.0							
57	0.0							
58	0.0							
59	0.0							
60							End of boring at 60 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Closures, Inc.
170 Keyland Court
Bohemia, NY 11716
P. (631) 269-8800
F. (631) 269-1599

	Project #: 15977	**Boring ID:**
	Site/Project Name: 318 Nevins Street	
	Site Address: 318 Nevins Street	**SB-16-S1**
	Weather: Clear, 36, overcast	
	Geologist: AK	Total Depth: 60'
Start Date: 1/11/23	Drilling Company: PG	GW: 6-7'
Start Time: 8:00	Driller: Orlando	GW Stabilized: N/A
Completion Date: 1/11/23	Drill Rig: 7822 DT	GPS Coordinates:
Completion Time: 13:00	Sampler Type/Len: Dual tube	X,Y

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Moist	30"	Fill/ML	Brown silty sand with gravel	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	30"	Fill/ML	Brown silty clay with gravel	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	45"	Fill (Wood)	95% wood recovered, limited gravel	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	50"	Fill/CL	15-18' Silt with wood and gravel 18-20' Gray clay	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	48.0		20-25'	Wet	60"	CL	20-21' Meadow mat: peat, roots, organic/sulfur odor throughout, wood fragment at 21' 21-25' Gray clay with trace silt	
21	45.0							
22	32.0							
23	28.0							
24	9.0							
25								

SOIL BORING LOG

25	0.0		25-30"	Wet	60"	SP	Gray fine sand	
26	0.0							
27	0.0							
28	0.0							
29	0.0							
30	0.0		30-35'	Wet	60"	SP	Gray fine sand	
31	0.0							
32	0.0							
33	0.0							
34	0.0							
35	0.0		35-40'	Wet	60"	SP	35-36' Gray silt and fine sand with some clay 36-39.5' Brown medium-course sand 39.5-40' Brown silt and clay	
36	0.0							
37	0.0							
38	0.0							
39	0.0							
40	0.0		40-45'	Wet	60"	SP	Brown course sand	
41	0.0							
42	0.0							
43	0.0							
44	0.0							
45	0.0		45-50'	Wet	60"	SP	Brown course sand, trace sheen 49-50'	
46	0.0							
47	0.0							
48	0.0							
49	0.0							
50	11.2	SB-16-N1 (50-51) 11:15	50-55'	Wet	50"	SP	Blebs on liner, trace napthalene-like odor Brown course sand, sheen in portion of liner not recovered	
51	7.9							
52	6.4							
53	9.8							
54	15.9							
55	0.0	SB-16-N1 (55-56) 12:30	55-60'	Wet	60"	SP	Brown coarse sand	
56	0.0							
57	0.0							
58	0.0							
59	0.0							
60							End of boring at 60 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-16-N1E1**	
	Weather: Clear, 36, rain		
	Geologist: AK	Total Depth: 45'	
Start Date: 1/12/23	Drilling Company: PG	GW: 6-7'	
Start Time: 10:15	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/12/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 13:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
1	0.0		0-5	Dry	35''	Fill/ML	Brown silt and sand with crushed brick fragments and gravel.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	50''	Fill/ ML	5-7': Brown silty sand with gravel. 7-8': Wood. 8-10': Gray silt with some clay and gravel.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	60''	Fill/ML	10-13': Gray silty sand with gravel. 13-15': Gray clay with roots, faint organic odor at 14-15'.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	60''	Fill/ML/PT	15-16': Gray silt with some clay. 16-20': Gray clay, peat and roots for 1" at 20'.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	1.3		20-25'	Wet	60''	PT/CL/SP	20-21': 4-inches of peat, roots and gray clay. 21-24': Gray/blue clay with trace fine sand. 24-25':Gray fine sand.	
21	1.1							
22	0.0							
23	0.0							
24	0.0							

SOIL BORING LOG

25	0.0								
26	0.0								
27	0.0		25-30''	Wet	60''	SP	Gray fine sand with some silt.		
28	0.0								
29	0.0								
30	0.0								
31	0.0								
32	0.0		30-35'	Wet	60''	SP	Brown fine sand.		
33	0.0								
34	0.0								
35	0.0								
36	0.0								
37	0.0		35-40'	Wet	60''	SP	Brown fine sand.		
38	0.0								
39	0.0								
40	0.0								
41	0.0								
42	0.0		40-45'	Wet	60''	SP	Brown fine sand.		
43	0.0								
44	0.0								
45							End of boring at 45 feet		

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-16-N2**	
	Weather: Clear, 36, rain		
	Geologist: AK	Total Depth: 45'	
Start Date: 1/12/23	Drilling Company: PG	GW: 6-7'	
Start Time: 13:00	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/12/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 11:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
1	0.0		0-5	Dry	40''	Fill/ML	0-2': Brown silty sand. 2-5': Wood, odor.	
	0.0							
2	150.0							
3	98.3							
4	85.3							
5	0.0		5-10'	Wet	50''	Fill ML/CL	Brown/gray silty clay with trace sand and brick fragments. 9-10': Gravel and wood.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	50''	Fill/ML	Dark gray silty clay, trace brick fragments.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	45''	Fill/ML	Gray silt with trace clay, large gravel, trace brick fragments.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	50''	CL/SP/PT	Gray/blue clay with trace silt and fine sand, at 20', 4" of peat roots. 24-25': Gray fine sand.	
21	0.0							
22	0.0							
23	0.0							
24	0.0							

SOIL BORING LOG

25	0.0								
26	0.0								
27	0.0		25-30''	Wet	45''	SP	Gray fine sand.		
28	0.0								
29	0.0								
30	0.0								
31	0.0								
32	0.0		30-35'	Wet	40''	SP	Gray fine sand.		
33	0.0								
34	0.0								
35	0.0								
36	0.0								
37	0.0		35-40'	Wet	60''	SP	Brown/tan fine sand.		
38	0.0								
39	0.0								
40	0.0								
41	0.0								
42	0.0		40-45'	Wet	50''	SP	Brown/tan fine sand.		
43	0.0								
44	0.0								
45							End of boring at 45 feet		

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-16-S1E1**	
	Weather: Clear, 36, rain		
	Geologist: AK	Total Depth: 60'	
Start Date: 1/12/23	Drilling Company: PG	GW: 6-7'	
Start Time: 11:30	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/12/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:30	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
1	0.0		0-5	Dry	60''	Fill/ML	Brown silty sand with crushed brick, gravel and concrete.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	60''	Fill ML/CL	Brown-dark brown silty sand with wood, gravel and brick. 8-10': Dark brown clay.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	60''	Fill/ML/PT	10-11': Gravel and silty clay. 11-12': Peat, roots, faint organic odor. 12-15': Gray clay with roots.	
11	4.3							
12	2.7							
13	0.0							
14	0.0							
15	-		15-20'	N/A	N/A	N/A	No recovery.	
16	-							
17	-							
18	-							
19	-							
20	0.0		20-25'	Wet	60''	CL/SP	20-21': Dark brown peat, roots, faint organic odor. 21-22': Gray blue clay and silt. 22-25': Gray blue fine sand.	
21	0.0							
22	0.0							
23	0.0							
24	0.0							
25	0.0							

SOIL BORING LOG

26	0.0								
27	0.0		25-30''	Wet	50''	SP	Gray clay with silt and fine sand.		
28	0.0								
29	0.0								
30	0.0								
31	0.0		30-35'	Wet	50''	SP	Brown fine sand.		
32	0.0								
33	0.0								
34	0.0								
35	0.0		35-40'	Wet	60''	SP	Dark brown fine to medium sand.		
36	0.0								
37	0.0								
38	0.0								
39	0.0								
40	0.0		40-45'	Wet	60''	SP	Brown fine to medium sand.		
41	0.0								
42	0.0								
43	0.0								
44	0.0								
45	0.0		45-50'	Wet	20''	SP/GP	Brown course sand.		
46	0.0								
47	0.0								
48	0.0								
49	0.0								
50	0.0		50-55'	Wet	60''	SP	Brown course sand.		
51	0.0								
52	0.0								
53	0.0								
54	0.0								
55	0.0		55-60'	Wet	60''	SP	Brown fine sand.		
56	0.0								
57	0.0								
58	0.0								
59	0.0								
60							End of boring at 60 feet		

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental , Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**
	Site/Project Name: 318 Nevins Street	
	Site Address: 318 Nevins Street	**SB-16-S2**
	Weather: Clear, 36, rain	
	Geologist: AK	Total Depth: 60'
Start Date: 1/12/23	Drilling Company: PG	GW: 6-7'
Start Time: 13:00	Driller: Orlando	GW Stabilized: N/A
Completion Date: 1/12/23	Drill Rig: 7822 DT	GPS Coordinates:
Completion Time: 11:00	Sampler Type/Len: Dual tube	X,Y

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
1	0.0		0-5	Moist	50''	Fill/ML	Brown/dark brown silty sand with glass, gravel and asphault pieces.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	45''	Fill ML/CL	5-7': Brown-dark brown silty sand. 7-9': Gray clay with large gravel. 9-10': Gray silty sand and crushed rock.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	45''	Fill/ML	Brown fine silty sand and clay with large gravel.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	30''	Fill/ML	Gray silt with clay, wood pieces.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	12''	CL/SP/PT	Gray blue clay with trace silt and fine sand, 4" of peat and roots at 20'.	
21	0.0							
22	0.0							
23	0.0							
24	0.0							
25	0.0							

SOIL BORING LOG

26	0.0								
27	0.0		25-30''	Wet	50''	SP	25-27': Gray fine sand with trace silt. 27-30': Gray fine sand.		
28	0.0								
29	0.0								
30	0.0								
31	0.0		30-35'	Wet	45''	SP	Gray fine sand.		
32	0.0								
33	0.0								
34	0.0								
35	0.0								
36	0.0		35-40'	Wet	60''	SP	35-38': Brown medium to coarse sand. 38-40': Tan sand with some silt.		
37	0.0								
38	0.0								
39	0.0								
40	0.0								
41	0.0		40-45'	Wet	50''	SP	Brown medium sand.		
42	0.0								
43	0.0								
44	0.0								
45	0.0								
46	0.0		45-50'	Wet	60''	SP	Brown medium sand.		
47	0.0								
48	0.0								
49	0.0								
50	0.0								
51	0.0		50-55'	Wet	60''	SP	Brown medium to course sand.		
52	0.0								
53	0.0								
54	0.0								
55	0.0								
56	0.0		55-60'	Wet	60''	SP	Brown course sand.		
57	0.0								
58	0.0								
59	0.0								
60							End of boring at 60 feet		

SOIL BORING LOG

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800 F. (631) 269-1599	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-16-N2E1**	
	Weather: Clear, 55, overcast		
	Geologist: AK	Total Depth: 40'	
Start Date: 1/13/23	Drilling Company: PG	GW: 6-7'	
Start Time: 7:30	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/13/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 10:30	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	Notes
1	0.0		0-5	Dry/Moist	45''	Fill/ML	Brown compact silty sand with gravel and crushed concrete.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	60''	Fill/ ML/CL	Dark gray silt with trace clay, wood pieces, faint organic odor. 8-10': Dark gray clay with silt and trace fine sand, 1'' peat and roots at 9'.	
6	0.0							
7	0.0							
8	2.7							
9	0.6							
10	0.0		10-15'	Wet	60''	ML/CL	10-12': Dark gray clay, silt and fine sand 2'' roots at 13'. 12-15': Dark gray clay with peat and roots from 14-15'.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	10''	ML	Gray clay and silt with small abundant gravel, limited recovery.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	50''	PT/ML/SP	20-21': Peat, roots and gray clay. 21-22': Gray clay. 22-24': Gray silt with fine sand and trace clay. 24-25': Gray fine sand.	
21	0.0							
22	0.0							
23	0.0							
24	0.0							

SOIL BORING LOG

25	0.0							
26	0.0							
27	0.0		25-30''	Wet	60''	SP	Gray fine sand with some silt.	
28	0.0							
29	0.0							
30	0.0							
31	0.0							
32	0.0		30-35'	Wet	50''	SP	Brown fine to medium sand.	
33	0.0							
34	0.0							
35	0.0							
36	0.0							
37	0.0		35-40'	Wet	55''	SP	Brown medium to course sand.	
38	0.0							
39	0.0							
40								

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**
	Site/Project Name: 318 Nevins Street	
	Site Address: 318 Nevins Street	**SB-16-S2E1**
	Weather: 30, overcast	
	Geologist: AK	Total Depth: 60'
Start Date: 1/16/23	Drilling Company: PG	GW: 6-7'
Start Time: 7:30	Driller: Orlando	GW Stabilized: N/A
Completion Date: 1/16/23	Drill Rig: 7822 DT	GPS Coordinates:
Completion Time: 12:30	Sampler Type/Len: Dual tube	X,Y

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Moist	40''	Fill/ML	Brown compact silt, trace sand, gravel, crushed brick,1"wood interval at 3', faint odor.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	50''	Fill/ML	Dark brown silt with gravel. 9-10': Dark brown silt with clay.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	50''	ML/CL/PT	10-11': Dark gray silt with clay. 11-15': Dark gray clay, peat and roots at 14-15'.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	60''	CL/PT	Dark gray clay, trace shell pieces, roots, peat at 19-20'.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	60''	CL	Gray-blue clay with silt.	
21	0.0							
22	0.0							
23	0.0							
24	0.0							
25	0.0							

SOIL BORING LOG

26	0.0							
27	0.0		25-30''	Wet	60''	SP/CL	Gray-blue fine sand with some clay.	
28	0.0							
29	0.0							
30	0.0							
31	0.0							
32	0.0		30-35'	Wet	60''	SP	Gray fine sand.	
33	0.0							
34	0.0							
35	0.0							
36	0.0							
37	0.0		35-40'	Wet	60''	SP	Brown fine to medium sand.	
38	0.0							
39	0.0							
40	0.0							
41	0.0							
42	0.0		40-45'	Wet	60''	SP	Brown fine to medium sand.	
43	0.0							
44	0.0							
45	0.0							
46	0.0							
47	0.0		45-50'	Wet	60''	SP	Brown coarse sand.	
48	0.0							
49	0.0							
50	0.0							
51	0.0							
52	0.0		50-55'	Wet	40''	GP/SP	Brown medium to coarse gravely sand.	
53	0.0							
54	0.0							
55	0.0							
56	0.0							
57	0.0		55-60'	Wet	60''	GP/SP	Brown coarse gravelly sand.	
58	0.0							
59	0.0							
60							End of boring at 60 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-N1**	
	Weather: 34, sunny, NNW 8		
	Geologist: AK	Total Depth: 45'	
Start Date: 1/16/23	Drilling Company: PG	GW: 6-7'	
Start Time: 11:30	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/16/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 15:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	35	Fill/ML	Brown silty sand, asphalt, gravel and crushed brick.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	35	Fill/ML	Brown silty sand with gravel, some crushed brick.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	35	Fill/ML	Dark gray loose silt, trace clay and large gravel.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	35	Fill/CL/PT	15-16': Gray silt and gravel. 16-20': Gray clay, 3" of wood at 17', roots at 20'.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	40	CL SP	20-24': Gray clay. 24-25': Gray fine sand, moderate coating of coal tar, faint naphthalene-like odor.	
21	0.0							
22	0.0							
23	0.0							
24	251.0	SB17N1						

SOIL BORING LOG

25	251.0	(24-25)						
26	162.0		25-30''	Wet	45	ML	Gray fine sand some silt, trace clay, moderately coated in coal tar, naphthalene-like odor.	
27	154.0							
28	211.0							
29	121.0							
30	387.0							
31	27.8		30-35'	Wet	60	SP	30-32': Gray/brown fine sand.	
32	19.1							
33	12.8					CL	32-35': Light brown clay, faint naphthalene-like odor.	
34	17.5	SB17N1 (33-34)						
35	20.7							
36	21.3		35-40'	Wet	60	ML	Light brown silt/ clay, faint naphthalene-like odor.	
37	15.3							
38	35.1							
39	28.7							
40	30.8							
41	0.1		40-45'	Wet	60	SP	Brown fine-medium sand.	
42	0.0							
43	0.0							
44	0.0							
45	0.0							
							End of boring at 45 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-S1**	
	Weather: 34, sunny, NNW 8		
	Geologist: AK	Total Depth: 40'	
Start Date: 1/16/23	Drilling Company: PG	GW: 6-7'	
Start Time: 11:30	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/16/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:30	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	40''	Fill/ML	Brown-dark brown silty sand, gravel and asphalt.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	40''	Fill/ML	5-6': Dark brown silt. 6-7': Crushed brick. 7-10': Gray silt with clay and gravel.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	40''	Fill/ML	Dark gray silt with some clay and large gravel, 1" wood at 14', faint odor.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	55''	Fill/CL	15-16': Wood. 16-18': Gray silt and gravel. 18-20': Dark gray clay, trace roots at 20'.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	130.0		20-25'	Wet	60''	CL SP	20-23': Gray clay. 23-25': Gray fine sand with light coating of coal tar, faint naphthalene-like odor.	
21	127.0							
22	124.0							
23	87.0	SB-17-S1 (23-24)						
24	200.0							

SOIL BORING LOG

25	200.0							
26	**too wet		25-30''	Wet	60''	SP	Gray fine sand, moderately coated in coal tar, naphthalene-like odor.	
27	203.0							
28	162.0							
29	148.0							
30	185.0							
31	268.0		30-35'	Wet	60''	ML	Gray fine sand and silt, coated in coal tar, naphthalene-like odor.	
32	394.0							
33	450.0							
34	175.0							
35	320.0							
36	0.0	SB-17-S1 (35-36)	35-40'	Wet	50''	CL	35-39': Brown clay, compact.	
37	0.0							
38	0.0					SP	39-40': Brown fine to medium sand.	
39	0.0							
40	0.0							
							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**
	Site/Project Name: 318 Nevins Street	**SB-17-N1**
	Site Address: 318 Nevins Street	
	Weather: 34, sunny, NNW 8	
	Geologist: AK	Total Depth: 45'
Start Date: 1/17/23	Drilling Company: PG	GW: 6-7'
Start Time: 11:30	Driller: Orlando	GW Stabilized: N/A
Completion Date: 1/17/23	Drill Rig: 7822 DT	GPS Coordinates:
Completion Time: 15:00	Sampler Type/Len: Dual tube	X,Y

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	40	Fill/ML	Brown silty sand, crushed brick, concrete.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	55	Fill/ML	5-6': Crushed concrete and brick. 6-7': Dark gray gravel and silty sand. 7-8': Wood. 7.5 -10': Dark gray silt and sand trace clay.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	60	Fill/ML CL	10-11': Crushed brick and wood. 11-14': Gray compact silt and sand. 14-15': Dark gray clay with roots.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	0	N/A	No Recovery.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	40	CL/ SP/PT	20-21': Dark bronw roots and peat. 21-24': Dark gray/blue clay. 24-25': Gray/blue fine sand.	
21	0.0							
22	0.0							
23	53.0							
24	25.0							

SOIL BORING LOG

25	25.0							
26	160.0		25-30''	Wet	50	SP	Gray/blue fine sand, trace silt.	
27	270.0							
28	385.0							
29	420.0							
30	340.0							
31	562.0		30-35'	Wet	60	SP/ML	Brown-dark brown fine sand and silt.	
32	489.0							
33	236.0							
34	320.0							
35	401.0							
36	15.0		35-40'	Wet	50	SP	Fine brown sand.	
37	7.8							
38	3.2							
39	0.5							
40	1.0							
							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-17-N1E1**	
	Site Address: 318 Nevins Street		
	Weather: 34, sunny, NNW 8		
	Geologist: AK	Total Depth: 40'	
Start Date: 1/17/23	Drilling Company: PG	GW: 6-7'	
Start Time: 8:00	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/17/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 11:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	50	Fill	Dark brown silty sand, crushed brickand concrete.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	55	Fill/ML	5-6': Crushed brick, bottom 3'' wood, faint odor. 6-10': Dark gray silty sand with gravel.	
6	34.0							
7	mojfj							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	60	CL	Brown/gray clay with roots throughout.	
a	0.0							
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	60	CL	Gray clay with roots.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	60	ML/SP	20-21': Gray/blue clay. 21-25': Gray/blue clay with silt and fine sand, light-moderately coated in coal tar starting at 23', naphthalene-like odor.	
21	0.0							
22	0.0							
23	405.0	SB17-N1E1 (23-25)						
24	287.0							

SOIL BORING LOG

25	207.0		25-30''	Wet	50	ML	Gray fine sand and silt,moderately coated in coal tar.	
26	184.0							
27	275.0							
28	**too wet							
29	**too wet							
30	45.0		30-35'	Wet	60	ML	30-32': Brown fine sand, sheen and very trace blebs	
31	52.0							
32	1.5							
33	0.0	SB17-N1E1 (33-35)				CL	32-35': Brown finesand, transistions to brown clay.	
34	0.0							
35	5.3		35-40'	Wet	50	CL	35-36': Brown clay.	
36	11.2							
37	15.0							
38	10.0					SP	36-40': Brown fien to medium sand.	
39	8.6							
40	0.0		40-45'	Wet	55	CL/SP	Brown clay and fine sand.	
41	0.0							
42	0.0							
43	0.0							
44	0.0							
45							End of boring at 45 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Closures, Inc.
170 Keyland Court
Bohemia, NY 11716
P. (631) 269-8800

	Project #: 15977	**Boring ID:**
	Site/Project Name: 318 Nevins Street	
	Site Address: 318 Nevins Street	**SB-17-S1E1**
	Weather: 34, sunny, NNW 8	
	Geologist: AK	Total Depth: 40'
Start Date: 1/17/23	Drilling Company: PG	GW: 6-7'
Start Time: 8:00	Driller: Orlando	GW Stabilized: N/A
Completion Date: 1/17/23	Drill Rig: 7822 DT	GPS Coordinates:
Completion Time: 11:00	Sampler Type/Len: Dual tube	X,Y

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	15	Fill/ML	Brown silt and crushed brick. 2-5': Concrete, crushed.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	60	Fill/ML	Dark gray silt with gravel and crushed brick, 2'' wood at 6'. 9.5-10': Gray clay with roots.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	60	CL	Gray clay with roots.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	60	CL/PT	Gray clay. 19-20': Dark brown roots and peat.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	60	CL SP	20-22.5': Gray clay. 22.5-24': Gray/blue clay. 24-25 Gray fine sand.	
21	0.0							
22	0.0							
23	0.0							
24	0.0							

SOIL BORING LOG

25	0.0							
26	1.5							
27	0.5		25-30''	Wet	50	SP/ML	Fine gray sand, blebs, sheen	
28	1.9	SB17-S1E1 (28-30)						
29	0.9							
30	240.0							
31	134.0							
32	85.0		30-35'	Wet	60	ML	Gray silt with trace fone sand, moderately coated in coal tar, naphthalene-like odor	
33	45.0							
34	16.0							
35	0.0	SB17-S1E1 (35-37)						
36	0.0							
37	0.0		35-40'	Wet	60	SP	Brown medium sand.	
38	0.0							
39	0.0							
40							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-17-N1**	
	Site Address: 318 Nevins Street		
	Weather: 34, sunny, NNW 8		
	Geologist: AK	Total Depth: 45'	
Start Date: 1/17/23	Drilling Company: PG	GW: 6-7'	
Start Time: 11:30	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/17/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 15:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	35	Fill/ML	Bown silt and sand, crushed brick, some gravel and asphalt pieces.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	30	Fill/ML	Bown silt and sand, crushed brick, some gravel and asphalt pieces.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	35	Fill/CL	Dark brown clay with large gravel.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	35	CL	Dark brown clay, bottom foot wood.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	50	CL ML	20-23': Gray/blue clay. 23-25': Gray/blue silt and clay, last foot lightly coated in coal tar, last 2'' fine gray blue sand.	
21	0.0							
22	0.0							
23	0.0							
24	53.0	17S2 (23-25)						
	25.0							

SOIL BORING LOG

25	160.0		25-30''	Wet	60	ML	Gray/blue silty sand, heavily coated/saturated in coal tar, naphthalene-like odor.	
26	270.0							
27	385.0							
28	420.0							
29	340.0							
30	562.0		30-35'	Wet	60	ML	Gray fine sand and silt, liner is fully saturated in coal tar, naphthalene-like odor.	
31	489.0							
32	236.0							
33	320.0							
34	401.0							
35	15.0	17S2 (35-37)	35-40'	Wet	50	CL	35-39': Brown clay.	
36	7.8							
37	3.2					SP	39-40': Brown medium sand.	
38	0.5							
39	1.0							
40	0.0		40-45'	Wet	60	SP	Brown medium to course sand.	
41	0.0							
42	0.0							
43	0.0							
44	0.0							
45							End of boring at 45 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-17-N1E2**	
	Site Address: 318 Nevins Street		
	Weather: 34, sunny, NNW 8		
	Geologist: AK	Total Depth: 45'	
Start Date: 1/18/23	Drilling Company: PG	GW: 6-7'	
Start Time: 9:30	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/18/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 12:30	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	60	Fill/ML	Brown silt and sand, gravel, asphalt, crushed brick.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	60	Fill/ML	5-8': Brown silt and sant and crushed concrete. 8-10': Brown silt and sand little clay, gravel.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	60	Fill/ML	Darkb brown silt with gravel.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	60	CL/PT	15-19': Gray clay. 19-20': Roots and peat.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	60	CL SP	20-23' Gray clay, some roots. 23-25': Gray-blue fine sand, lightly coated in coal tar, lenses, naphthalene-like odor.	
21	0.0							
22	0.0							
23	0.0							
24	294.0	SB17 N1E2 (23-25)						
	320.0							

SOIL BORING LOG

25	320.0	(25-25)						
26	297.0		25-30''	Wet	60	SP	25-29': Gray fine sand, blebs of coal tar. 29-30': Gray/blue fine sand,lightly coated in coal tar, naphthalene-like odor.	
27	311.0							
28	218.0							
29	28.2							
30	25.0							
31	0.0	SB17 N1E2 (30-31)	30-35'	Wet	60	SP CL	30-31': Brown fine sand. 31-35': Brown clay, some silt.	
32	0.0							
33	0.0							
34	0.0							
35	0.0							
36	0.0		35-40'	Wet	60	SP CL	35-39': Brown fine sand. 39-40': Brown clay.	
37	0.0							
38	0.0							
39	0.0							
40							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-N2**	
	Weather: 34, sunny, NNW 8		
	Geologist: AK	Total Depth: 45'	
Start Date: 1/17/23	Drilling Company: PG	GW: 6-7'	
Start Time: 13:00	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/18/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 9:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry Moist	40	Fill/ML	Dark brown silt with some sand, crushed brick and gravel.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	40	Fill/ML CL	Brown silt and crushed brick, 1'' wood at 10'.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	50	Fill/CL	10-14': Dark brown clay and silt 14-15': Wood.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	60	CL/PT	15-19': Gray clay with some silt. 19-20': Roots, peat, faint organic odor.	
16	0.0							
17	0.0							
18	65.0							
19	86.0							
20	0.0		20-25'	Wet	50	CL SP	20-21': Gray clay and silt. 21-24;: Gray-blue clay. 24-25': Gray-blue fine sand, moderately coated in coal tar, naphthalene -like odor.	
21	0.0							
22	14.0							
23	33.0	SB17N2 (24-25)						
24	260.0							

SOIL BORING LOG

25	200.0							
26	545.0		25-30''	Wet	60	SP	Brown fine sand, moderately coated in coal tar, naphthalene-like odor.	
27	312.0							
28	253.0							
29	184.0							
30	93.0							
31	-		30-35'	Wet	0	N/A	No Recovery.	
32	-							
33	-							
34	-							
35	-							
36	0.0	SB17N2 (35-37)	35-40'	Wet	60	SP	Brown fine sand.	
37	0.0							
38	0.0							
39	0.0							
40	0.0							
							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-N3**	
	Weather:		
	Geologist: AK	Total Depth: 45'	
Start Date: 1/18/23	Drilling Company: PG	GW: 6-7'	
Start Time: 12:30	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/18/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	40	Fill/ML	Dark brown silt and sand with crushed brick, concrete, gravel.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	45	Fill/ML	Dark brown silt and sand with gravel, bottom foot wood.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	24	Fill	Gray silt and large gravel.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	45	CL/PT	15-16': Gray silt. 16-17': Gray clay. 17-20': Roots and peat, organic odor.	
16	43.0							
17	68.0							
18	57.0							
19	65.0							
20	0.0		20-25'	Wet	40	CL SP	20-23': Gray/blue clay. 23-25': Gray/blue fine sand, lightly coated in coal tar, naphthalene-like odor.	
21	0.0							
22	185.0							
23	240.0	SB17N3 (23-25)						
24	361.0							

SOIL BORING LOG

25	381.0		25-30''	Wet	60	SP	Brown/tan fine sand, heavily coated/saturated in coal tar, naphthalene-like odor.	
26	432.0							
27	560.0							
28	479.0							
29	521.0							
30	87.0		30-35'	Wet	60	SP/CL	Brown fine sand, lightly to moderatley coated in coal tan, naphthalene-like odor. 33-35':Brown clay.	
31	91.0							
32	102.0							
33	4.3	SB17N3 (33-35)						
34	2.8							
35	0.0		35-40'	Wet	60	SP CL SP	35-36': Brown fine to medium sand. 36-38': Brown clay. 38-40': Brown fine to medium sand.	
36	0.0							
37	0.0							
38	0.0							
39	0.0							
40							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental , Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-S1E2**	
	Weather:		
	Geologist: AK	Total Depth: 40'	
Start Date: 1/18/23	Drilling Company: PG	GW: 6-7'	
Start Time: 10:00	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/18/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 12:30	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	40	Fill	0-4': Concrete and crushed brick. 4-5': Wood.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	45	Fill/ML	Dark brown soil and sandm crushed brick and gravel.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	50	Fill/PT CL	10-12': Gray silt and gravel. 12-12.5': Roots and peat. 12.5-13': Dark brown clay. 13-1':5 Gray clay with roots.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	60	CL	Gray clay with roots.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	60	CL	20-21': Gray clay with roots. 21-24': Gray/blue clay.	
21	0.0							
22	0.0							
23	0.0							
24	0.0							

SOIL BORING LOG

25	0.0							
26	0.0							
27	0.0		25-30''	Wet	60	CL	25-29': Gray/blue clay with silt.	
28	0.0					SP	29-30': Brown fine sand.	
29	0.0							
30	1.5							
31	12.8							
32	15.2	SB17 S1E2 (32-34)	30-35'	Wet	60	SP	Brown fine sand, blebs and sheen, faint naphthalene-like odor.	
33	25.0							
34	13.6							
35	0.0	SB17 S1E2 (35-37)						
36	0.0							
37	0.0		35-40'	Wet	60	SP	Brown medium sand.	
38	0.0							
39	0.0							
40							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-N1E3**	
	Weather:		
	Geologist: AK	Total Depth: 45'	
Start Date: 1/18/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/19/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	50	Fill	0-4': Concrete, crushed brick, trace wood at 4'. 4-5': Brown silt and sand.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	60	Fill/ML	6-9': Gray silt with little sand, abundant gravel. 9-10': Dark gray clay.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	60	Fill/ML CL	10-12': Gray silt and sand with gravel. 12-15': Gray clay with roots throughout.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	60	Fill/ML CL PT	15-16': Gray silt with abundant gravel 16-20': Gray clay with roots. 19-20': Roots and peat, faint organic odor.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	60	CL SP	20-20.5': Roots. 20.5-22': Gray clay. 22-25': Brown fine sand with silt, coal tar lense at 23-24', faint naphthalene-like odors.	
21	0.0							
22	85.0	SB17 N1E3 (22-24)						
23	57.0							
24	21.0							

SOIL BORING LOG

25	21.0							
26	15.0		25-30''	Wet	60	SP	Brown fine sand, sheen 25-27', faint naphthalene odor.	
27	4.0							
28	3.8							
29	5.0	SB17 N1E3 (28-30)						
30	0.0							
31	0.0		30-35'	Wet	60	SP	30-33': Brown fine sand.	
32	0.0							
33	0.0							
34	0.0					CL	33-35': Brown clay.	
35	0.0							
36	0.0		35-40'	Wet	60	SP	35-36': Brown fine to medium sand.	
37	0.0					CL	36-38': Brown clay.	
38	0.0					SP	38-40': Brown fine to medium sand.	
39	0.0							
40							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-N1E4**	
	Weather:		
	Geologist: AK	Total Depth: 45'	
Start Date: 1/19/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/19/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	60	Fill	0-1': Concrete. 1-5': Brown silt and sand with crushed brick, asphalt and gravel.	
2	0.0							
3	0.0							
4	0.0							
5	0.0							
6	0.0		5-10'	Wet	60	Fill/ML /CL	5-7': Brown silt and sand. 7-8': Concrete and gravel. 8-10': Brown silt and clay.	
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	30	Fill/ML	Gray silt some clay and gravel.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	60	CL	15-16': Gray silt and clay. 16-20': Gray clay with roots.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	60	SP/PT	20-21': Roots and peat. 21-22': Brown clay. 22-23': Gray/blue clay. 23-25': Gray/blue fine sand.	
21	0.0							
22	0.0							
23	0.0							
24	0.0							

SOIL BORING LOG

25	0.0							
26	0.0							
27	0.0		25-30''	Wet	60	ML	25-27': Brown fine sand and silt.	
28	0.0					CL	27-28': Dark brown silt, trace fine sand.	
29	0.0						28-30': Brown clay and silt.	
30	0.0							
31	0.0		30-35'	Wet	60	CL	Brown silty clay.	
32	0.0							
33	0.0							
34	0.0							
35	0.0							
36	0.0							
37	0.0		35-40'	Wet	60	SP	35-38': Brown medium to course sand.	
38	0.0					CL	38-40': Brown clay.	
39	0.0							
40							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Inc.
170 Keyland Court
Bohemia, NY 11716
P. (631) 269-8800

	Project #: 15977	**Boring ID:**
	Site/Project Name: 318 Nevins Street	
	Site Address: 318 Nevins Street	**SB-17-N4**
	Weather:	
	Geologist: AK	Total Depth: 45'
Start Date: 1/19/23	Drilling Company: PG	GW: 6-7'
Start Time:	Driller: Orlando	GW Stabilized: N/A
Completion Date: 1/19/23	Drill Rig: 7822 DT	GPS Coordinates:
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	60	Fill/ML	Brown silt and sand, asphalt, gravel, trace crushed brick.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	45	Fill/ML	Gray silt, concrete, little gravel and clay.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	45	Fill/CL	Gray clay with roots, 4'' wood at 14'.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	55	CL	15-18': Gray clay and silt. 18-20': Gray clay with roots.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	-		20-25'	Wet	4''	CL	Limited recovery. Light gray clay.	
21	-							
22	0.0							
23	-							
24	-							

SOIL BORING LOG

25	-							
26	-							
27	-	SB17					Limited recovery.	
28	180.0	N4	25-30''	Wet	4''	SP	Brown fine sand, coated in coal tar, naphthalene-like odor.	
29	-	25-30						
30	-							
31	0.0							
32	0.0							
33	0.0		30-35'	Wet	60	SP	Brown clay.	
34	0.0							
35	0.0							
36	35.2							
37	40.1							
38	23.8		35-40'	Wet	60	SP	Brown fine-medium sand, trace sheen	
39	15.7	SB17						
40	10.2	N4						
41	3.8	38-40						
42	4.3							
43	1.5		40-45'	Wet	60	SP	Brown medium sand.	
44	0.7							
45	0.0							
							End of boring at 45 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-N5**	
	Weather:		
	Geologist: AK	Total Depth: 45'	
Start Date: 1/19/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/19/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	55	Fill/ML	Dark brown silt and sand with crushed brick and gravel.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	30	Fill/ML	Dark brown silt and sand with gravel. 7-10': Concrete.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	45	Fill/ML CL	Brown fine sand and silt with gravel. Brown silty clay and gravel.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	50	CL/PT	Gray clay with 2'' wood at 16.5'. 19-20': Roots and peat.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	-		20-25'	Wet	3''	ML	Little to no recovery. Brown silt and fine sand, faint naphthalene-like odor.	
21	-							
22	150.0							
23	-							
24	-							

SOIL BORING LOG

25								
	452.0	SB17 N5 (25-27)	25-30''	Wet	60	ML/CL	Brown silt and clay, seen to coated in coal tar, naphthalene-like odor.	
26	540.0							
27	387.0							
28	365.0							
29	243.0							
30	50.0		30-35'	Wet	60	ML/CL	Brown clay and silt, trace sheen.	
31	48.7							
32	15.4							
33	10.3	SB17 N5 (33-35)						
34	11.1							
35	0.0		35-40'	Wet	60	CL SP	35-37': Brown clay. 37-40': Brown medium sand.	
36	0.0							
37	0.0							
38	0.0							
39	0.0							
40							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-17-N6**	
	Site Address: 318 Nevins Street		
	Weather:		
	Geologist: AK	Total Depth: 45'	
Start Date: 1/19/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/19/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Moist	55	Fill	Brown silt and sand with gravel, concrete and crushed brick.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	45	Fill/ML	5-9': Brown silty sand and gravel. 9-10': Brown silt trace clay.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	45	CL	Gray clay.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15			15-20'	Wet	50	CL	15-18': Gray clay. 18-20': Roots.	
16								
17								
18								
19								
20	150.0		20-25'	Wet	40	SP	Gray/blue silt and fine sand, coated, naphthalene-like odor.	
21	224.0							
22	382.0							
23	245.0	SB17 N6 (23-25)						
24	250.0							

SOIL BORING LOG

25	250.0	(25-35)						
26	-		25-30''	N/A	0	N/A	No recovery.	
27	-							
28	-							
29	-							
30	-							
31	471.0		30-35'	Wet	60	SP	Brown fine sand, saturated in coal tar, naphthalene-like odor.	
32	532.0							
33	373.0							
34	405.0							
35	420.0							
36	32.0		35-40'	Wet	60	SP	Brown fine to medium sand, sheen 35-38.	
37	15.1							
38	10.0	SB17 N6 (37-39)						
39	0.0							
40	0.0							
41	0.0		35-40'	Wet	60	SP	40-41': Brown medium sand.	
42	0.0							
43	0.0					CL	41-43': Brown clay.	
44	0.0					SP	43-45': Brown medium sand.	
45	0.0							
							End of boring at 45 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-17-N1E2**	
	Site Address: 318 Nevins Street		
	Weather: 34, sunny, NNW 8		
	Geologist: AK	Total Depth: 45'	
Start Date: 1/18/23	Drilling Company: PG	GW: 6-7'	
Start Time: 9:30	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/18/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 12:30	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	60	Fill/ML	Brown silt and sand, gravel, asphalt, crushed brick.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	60	Fill/ML	5-8': Brown silt and sand, crushed concrete, 2'' wood at 7.5'. 8-10': Brown silt and sand little clay, gravel.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	60	Fill/ML	Dark brown silt with gravel.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	60	CL/PT	15-19': Gray clay. 19-20': Roots and peat.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	60	CL SP	20-23': Gray clay, roots at 20'. 23-25': Gray-blue fine sand, lightly coated in caol tar, naphthalene-like odor.	
21	0.0							
22	0.0							
23	294.0	SB17 N1E2 (23-25)						
24	320.0							
25								

SOIL BORING LOG

25	297.0		25-30''	Wet	60	SP	25-29': Gray fine sand, lightly coated in coal tar, blebs throughout, naphthalene-like odor. 29-30': Gray/blue fine sand, coated in coal tar, naphthalene-like odor.	
26	311.0							
27	218.0							
28	28.2							
29	25.0							
30	too wet	SB17 N1E2 (30-31)	30-35'	Wet	60	SP CL	30-31': Brown fine sand. 31-35': Brown clay, some silt.	
31	0.0							
32	0.0							
33	0.0							
34	0.0							
35	0.0		35-40'	Wet	60	SP CL	35-39': Brown fine sand. 39-40': Brown clay.	
36	0.0							
37	0.0							
38	0.0							
39	0.0							
40							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-N7**	
	Weather:		
	Geologist: AK	Total Depth: 40'	
Start Date: 1/20/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/20/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Moist	40	Fill/ML	0-2': Gravel and asphalt. 2-4': Brown silt with fine sand. 4-5': Brick and concrete.	
2	0.0							
3	0.0							
4	0.0							
5	0.0							
6	0.0		5-10'	Wet	40	Fill/ML	5-7': Dark brown siltand sand with abundant gravel. 7-10': Dark brown silt and sand with clay.	
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	60	Fill CL	10-12': Gravel, trace dark gray silt and sand. 12-15': Dark gray clay with trace roots, 2'' wood at bottom.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	60	CL	15-19': Dark gray clay. 19-20': Roots.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	35	SP	Brown fine sand, trace sheen, trace coating at 23-25'.	
21	0.0							
22	28.0							
23	32.0	SB17 N7 (23-25)						
24	45.0							
25								

SOIL BORING LOG

25	203.0		25-30'	N/A	60	SP	Gray fine sand saturated in coal tar, naphthalene-like odor.	
26	240.0							
27	387.0							
28	262.0							
29	126.0							
30	0.0	SB17 N7 (30-32)	30-35'	Wet	60	ML	30-34': Brown silt and clay.	
31	0.0							
32	0.0							
33	0.0					CL	34-35': Brown clay.	
34	0.0							
35	0.0		35-40'	Wet	60	CL	35-37': Brown clay.	
36	0.0							
37	0.0							
38	0.0					SP	37-40': Brown medium sand.	
39	0.0							
40							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc.
170 Keyland Court
Bohemia, NY 11716
P. (631) 269-8800

	Project #: 15977	**Boring ID:**
	Site/Project Name: 318 Nevins Street	
	Site Address: 318 Nevins Street	**SB-17-N7E1**
	Weather:	
	Geologist: AK	Total Depth: 40'
Start Date: 1/20/23	Drilling Company: PG	GW: 6-7'
Start Time:	Driller: Orlando	GW Stabilized: N/A
Completion Date: 1/20/23	Drill Rig: 7822 DT	GPS Coordinates:
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Moist	60	Fill/ML	Light brown silt and sand, with crushed brick and gravel.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	50	Fill/ML	5-5.5': Brown silt and sand. 5.5-7': Concrete. 7-9': Brown silt and sand. 9-10': Brown fine to medium sand.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	50	SP	Brown medium sand, trace gravel and silt	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	55	SP	15-17': Brown medium sand. 17-20': Dark brown clay, bottom 1' roots.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	40	CL SP	20-21': Dark brown clay with some silt. 21-25': Gray/blue fine sand.	
21	0.0							
22	3.2							
23	1.5							
24	2.0							
25								

SOIL BORING LOG

25								
26	320.0	SB17 N7E1 (25-27)	25-30'	N/A	60	SP	Gray fine sand, trace silt, material coated in coal tar, naphthalene-like odor.	
	281.0							
27	267.0							
28	452.0							
29	165.0							
30	107.0		30-35'	Wet	60	SP/ML	30-33': Gray fine sand and silt, coated in coal tar, naphthalene-like odor. 33-34': Brown clay. 34-35': Brown fine to medium sand.	
31	85.0							
32	63.0							
33	0.0	SB17 N7E1 (33-35)						
34	0.0							
35	0.0		35-40'	Wet	60	SP	35-36': Brown clay. 36-40': Brown fine sand.	
36	0.0							
37	0.0							
38	0.0							
39	0.0							
40							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-N2E2**	
	Weather:		
	Geologist: AK	Total Depth: 40'	
Start Date: 1/23/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/23/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Moist	50	Fill/ML	Dark bronw silt and sand, crushed brick, asphalt and gravel.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	45	Fill/ML	Dark brown/gray silt and sand, trace gravel and clay.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	60	Fill/ML CL	10-12': Gray silt, sand and gravel. 12-15': Gray clay and roots, faint organic odors.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	35	SP	15-19': Gray/blue fine sand and silt, at 19-20' material coated in coal tar.	
16	0.0							
17	47.0							
18	175.0	SB17 N2E2 18-20						
19	289.0							
20	321.0		20-25'	Wet	35	SP	Gray/blue fine sand and silt, saturated with coal tar, naphthalene-like odor.	
21	248.0							
22	462.0							
23	429.0							
24	310.0							
25								

SOIL BORING LOG

25								
26	205.0		25-30'	N/A	60	SP/ML	Gray/brown fine sand and silt, moderately coated in caol tar, naphthalene-like odor.	
27	197.0							
28	221.0							
29	165.0							
30	131.0							
31	0.0		30-35'	Wet	60	CL	Brown clay.	
32	0.0							
33	0.0							
34	0.0	SB17 N2E2 33-35						
35	0.0							
36	0.0		35-40'	Wet	60	CL	35-37': Brown clay.	
37	0.0							
38	0.0					SP	37-40': Brown medium sand.	
39	0.0							
40							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc.
170 Keyland Court
Bohemia, NY 11716
P. (631) 269-8800

	Project #: 15977	**Boring ID:**
	Site/Project Name: 318 Nevins Street	
	Site Address: 318 Nevins Street	**SB-17-N2E3**
	Weather:	
	Geologist: AK	Total Depth: 40'
Start Date: 1/23/23	Drilling Company: PG	GW: 6-7'
Start Time:	Driller: Orlando	GW Stabilized: N/A
Completion Date: 1/23/23	Drill Rig: 7822 DT	GPS Coordinates:
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Moist	50	Fill	Dark gray silt and sand, gravel, crushed concrete, trace crushed brick.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	45	Fill/ML	5-7': Dark gray silt and sand with gravel. 7-8': Gray clay and silt. 8-10': Gray silty sand little gravel.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	60	CL	Gray clay with roots.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	60	CL	Gray clay with roots.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	60	SP	Gray/blue fine sand with silt moderately coated in coal tar.	
21	49.0							
22	230.0							
23	290.0	SB17 N2E3 23-25						
24	189.0							
25								

SOIL BORING LOG

25								
26	345.0							
	291.0							
27	350.0		25-30'	N/A	45	SP	Gray/blue finr sand with silt, saturated in coal tar, naphthalene line odor.	
	400.0							
28	245.0							
29	0.0							
	0.0							
30	0.0		30-35'	Wet	50	CL	30-32': Brown Clay, trace sheen at 30-32'.	
	0.0	SB17 N2E3 33-35				SP	32-34': Brown medium sand.	
31	0.0					CL	34=35': Brown clay.	
	0.0							
32	0.0		35-40'	Wet	60	CL	35-37': Brown clay.	
	0.0					SP	37-40': Brown medium sand.	
33	0.0							
	0.0							
34	0.0							
							End of boring at 40 feet	
35								
36								
37								
38								
39								
40								

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-N4E1**	
	Weather:		
	Geologist: AK	Total Depth: 40'	
Start Date: 1/23/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/23/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Moist	50	Fill/ML	Dark brown silt and sand, asphalt and crushed brick with gravel.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	40	Fill/ML	5-8': Brown silt and sand. 8-10': Gravel and wood.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	60	Fill/ML	10-12': Gray silt and sand with gravel. 12-15': Gray clay with roots.	
11	0.0							
12	0.0							
13	0.0							
14	40.0							
15	400.0		15-20'	Wet	60	CL	Gray clay with roots, faint organic odor.	
16	230.0							
17	220.0							
18	301.0							
19	245.0							
20	380.0		20-25'	Wet	60	SP	Gray/blue fine sand, moderately coated in coal tar.	
21	295.0							
22	287.0							
23	341.0	SB17 N4E1 (23-25)						
24	364.0							
25								

SOIL BORING LOG

25								
26	281.0							
	307.0							
27	195.0		25-30'	N/A	60	SP	Brown fine sand, saturated in coal tar, naphthalene-like odor.	
28	85.0							
29	113.0							
30	0.0							
31	0.0							
32	0.0		30-35'	Wet	60	SP	Brown fine sand, trace sheen at 30-31'.	
33	0.0	SB17 N4E1 (33-35)						
34	0.0							
35	0.0							
36	0.0							
37	0.0		35-40'	Wet	60	SP	Brown course sand.	
38	0.0							
39	0.0							
40							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Closures, Inc.
170 Keyland Court
Bohemia, NY 11716
P. (631) 269-8800

	Project #: 15977	**Boring ID:**
	Site/Project Name: 318 Nevins Street	
	Site Address: 318 Nevins Street	**SB-17-N5E1**
	Weather:	
	Geologist: AK	Total Depth: 40'
Start Date: 1/23/23	Drilling Company: PG	GW: 6-7'
Start Time:	Driller: Orlando	GW Stabilized: N/A
Completion Date: 1/23/23	Drill Rig: 7822 DT	GPS Coordinates:
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Moist	50	Fill/ML	Brown silt and sand, with gravel and trace brick.	
	0.0							
2	0.0							
	0.0							
3	0.0							
	0.0							
4	0.0		5-10'	Wet	45	Fill/ML	Brown fine sand and silt, gravel, trace brick.	
	0.0							
5	0.0							
	0.0							
6	0.0							
	0.0							
7	0.0		10-15'	Wet	60	Fill/ML	10-12': Coarse gravel. 12-15': Gray silt and sand with gravel.	
	0.0							
8	0.0							
	0.0							
9	0.0							
	0.0							
10	0.0		15-20'	Wet	12	Fill/ML	Gray silt and sand with course gravel, limited recovery.	
	0.0							
11	0.0							
	0.0							
12	0.0							
	0.0							
13	0.0							
	0.0							
14	0.0		20-25'	Wet	10	SP	Brown fine sand, moderately coated in soal tar at 22.5-25'.	
	0.0							
15	0.0							
	-							
16	-							
	289.0							
17	312.0	SB17 N5E1 23-25						
	321.0							
18								
19								
20								
21								
22								
23								
24								
25								

SOIL BORING LOG

25								
26	425.0		25-30'	N/A	60	SP	Brown fine sand, saturated in coal tar, naphthalene-like odor.	
	394.0							
27	405.0							
	287.0							
28	264.0							
29	-		30-35'	Wet	15	N/A	Brown clay and fine sand, limited recovery.	
	-							
30	0.0							
	0.0	SB17 N5E1 33-35						
31	0.0							
	0.0		35-40'	Wet	60	SP	Brown fine-medium sand.	
32	0.0							
	0.0							
33	0.0							
	0.0							
34	0.0							
							End of boring at 40 feet	
35								
36								
37								
38								
39								
40								

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-N5E2**	
	Weather:		
	Geologist: AK	Total Depth: 40'	
Start Date: 1/23/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/23/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Moist	50	Fill	Tan sand, trace brick, gravel, trace silt. **Note: appears to have been previously disturbed/ backfilled, in area of former tank grave**	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	45	Fill	Tan sand and gravel.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	50	Fill ML	10-12': Pea gravel. 12-15': Gray silt and sand with trace gravel, roots at 14.5-15'.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	60	CL ML	15-16': Gray/brown clay and silt with fine sand. 16-20': Gray/blue fine silt and sand, trace wood and roots.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	-		20-25'	Wet	25	SP	Gray/blue fine sand trace silt moderatley coated in coal tar.	
21	-							
22	357.0							
23	249.0	SB17 N5E2 23-25						
24	312.0							
25								

SOIL BORING LOG

25								
26	340.0							
	235.0							
27	209.0		25-30'	N/A	50	SP	Gray/blue fine sand trace silt, saturated coated in coal tar, naphthalene-like odor.	
28	198.0							
29	220.0							
30	0.0							
31	0.0							
32	0.0		30-35'	Wet	60	CL	30-34': Brown clay, trace sheen at 30-32'.	
33	0.0	SB17				SP	34-35': Brown medium sand.	
34	0.0	N5E2						
35	0.0	33-35						
36	0.0							
37	0.0					SP	35-36': Brown medium sand.	
38	0.0		35-40'	Wet	60	CL	36-40': Brown clay.	
39	0.0							
40							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-17-N6E1**	
	Site Address: 318 Nevins Street		
	Weather:		
	Geologist: AK	Total Depth: 40'	
Start Date: 1/23/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/23/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	60	Fill	Light brown silt and sand, gravel, brick, concrete.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	50	Fill/ML	Gray silt and sand with gravel.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	60	Fill/ML CL	10-12.5': Gray silt and sand with gravel. 12.5-15': Gray clay with trace roots.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	-		15-20'	Wet	0	N/A	No recovery.	
16	-							
17	-							
18	-							
19	-							
20	284.0		20-25'	Wet	40	SP	Gray/blue fine sand, trace silt, moderately coated in coal tar, naphthalene-like odor.	
21	392.0							
22	341.0	SB17 N6E1 22-24						
23	248.0							
24	261.0							
25								

SOIL BORING LOG

25	378.0		25-30'	N/A	60	SP	Brown fine sand, saturated in coal tar, naphthalene-like odor.	
26	452.0							
27	279.0							
28	240.0							
29	231.0							
30	78.0		30-35'	Wet	60	SP	30-31': Brown fine sand, moderately coated in coal tar.	
31	20.0					CL	31-33': Brown clay.	
32	0.0					SP	33-35': Brown medium sand.	
33	0.0	SB17 N6E1 33-35						
34	0.0							
35	0.0		35-40'	Wet	60	SP	35-37': Brown clay. 37-40': Brown medium sand.	
36	0.0							
37	0.0							
38	0.0							
39	0.0							
40							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-17-N2E4**	
	Site Address: 318 Nevins Street		
	Weather:		
	Geologist: AK	Total Depth: 40'	
Start Date: 1/24/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/24/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	60	Fill/ML	0-1': Concrete. 1-4': Brown silt, sand, gravel and asphalt. 4-5': Dark brown silt, some clay.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	45	Fill/ML	Dark brown silt and clay, with some gravel.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	60	Fill/CL	10-11': Gray loose clay with gravel. 11-15': Gray clay with roots.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	60	CL	Gray clay with roots.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	55	CL SP	20-21': Gray/blue clay. 21-25': Gray/blue fine sand and silt, lense of coal tar at 23'	
21	0.0							
22	0.0							
23	15.0	SB17 N2E4 23-25						
24	25.0							

SOIL BORING LOG

25	25.0	25-25						
26	0.0	SB17 N2E4 25-27	25-30'	N/A	60	CL	25-27': Gray/brown silt and clay. 27-30': Brown clay.	
27	0.0							
28	0.0							
29	0.0							
30	0.0							
31	0.0		30-35'	Wet	60	CL	Brown clay.	
32	0.0							
33	0.0							
34	0.0							
35	0.0		35-40'	Wet	60	SP	Brown medium sand.	
36	0.0							
37	0.0							
38	0.0							
39	0.0							
40							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**
	Site/Project Name: 318 Nevins Street	
	Site Address: 318 Nevins Street	**SB-17-N2E5**
	Weather:	
	Geologist: AK	Total Depth: 35'
Start Date: 1/24/23	Drilling Company: PG	GW: 6-7'
Start Time:	Driller: Orlando	GW Stabilized: N/A
Completion Date: 1/24/23	Drill Rig: 7822 DT	GPS Coordinates:
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	50	Fill/ML	0-1': Crushed concrete. 1-5': Brown silt, sand and gravel.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Moist	60	Fill/ML	5-7': Brown silt, sand and gravel. 7-8': Gray silt, trace clay. 8-10': Brown compact silt and sand.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	60	ML	10-12': Brown silt and sand, some gravel. 12-13': Dark gray clay. 13-15': Brown fine to medium sand, roots at 15'.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	60	CL	Gray clay with roots.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	60	CL SP	20-22': Gray/brown clay with roots. 22-25': Gray fine sand.	
21	0.0							
22	0.0							
23	0.0							
24	0.0							

SOIL BORING LOG

25	0.0							
26	0.0							
27	0.0		25-30'	N/A	60	ML	25-28': Gray fine silt and sand. 28-30': Brown silt, little clay.	
28	0.0							
29	0.0							
30	0.0							
31	0.0		30-35'	Wet	60	CL	Brown clay.	
32	0.0							
33	0.0							
34	0.0							
35							End of boring at 35 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-N7E2**	
	Weather:		
	Geologist: AK	Total Depth: 40'	
Start Date: 1/24/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/24/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	40	Fill/ML	0-4': Brown silt, sand, gravel and brick. 4-5': Tan fine sand and trace asphalt. This material appears to have been previously disturbed/backfilled, in the area of the the former tank grave.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Moist	40	Fill/SP	Tan fine sand. This material appears to have been previously disturbed/backfilled, in the area of the former tank grave.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	60	SP ML	10-11': Brown sand. 11-13': White/gray sand with abundant pea gravel, petroleum odors. 13-15': Brown silt and sand trace clay.	
11	45.0							
12	1200.0							
13	27.0							
14	15.0							
15	0.0		15-20'	Wet	60	SP CL	15-17': Brown fine to medium sand. 17-20': Dark gray clay with roots.	
16	0.0							
17	2.5							
18	20.0							
19	37.0							
20	0.0		20-25'	Wet	20	CL	20-22.5': Gray clay. 22.5-25': Gray/blue clay with trace silt.	
21	0.0							
22	0.0							
23	0.0							
24	0.0							

SOIL BORING LOG

25	0.0							
26	346.0	SB17 N7E2 25-27	25-30'	N/A	60	SP	Brown fine sand, some silt, saturated in coal tar, naphthalene-like odors.	
27	458.0							
28	391.0							
29	505.0							
30	420.0							
31	48.0		30-35'	Wet	60	CL SP	30-32': Brown silt and clay, sheen. 32-34': Brown/dark gray silt and clay. 34-34.5': Brown clay. 34.5-35': Brown medium sand.	
32	15.0							
33	0.0							
34	0.0	SB17 N7E2 33-35						
35	0.0							
36	0.0		35-40'	Wet	60	SP	Brown fine sand.	
37	0.0							
38	0.0							
39	0.0							
40							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-N7E3**	
	Weather:		
	Geologist: AK	Total Depth: 40'	
Start Date: 1/24/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/24/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	30	Fill/ML	Brown silt and sand, cushed brick, gravel and asphalt.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	60	Fill/ML ML/CL	5-7': Dark brown silt, sand and gravel. 7-10': Gray clay, silt, sand and gravel.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	60	ML	10-13': Gray silt with gravel. 13-15': Gray-brown silt and clay.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	60	CL	Dark gray/brown clay with roots throughout.	
16	1.5							
17	3.8							
18	18.0							
19	5.2							
20	0.0		20-25'	Wet	60	ML SP	20-23: Gray silt. 23-25': Gray fine sand.	
21	0.0							
22	0.0							
23	0.0							
24	0.0							

SOIL BORING LOG

25	0.0							
26	281.0	SB17 N7E3 25-27	25-30'	N/A	60	SP	25-27': Brown fine sand and silt moderately coated in coal tar.	
27	329.0							
28	223.0						27-30': Brown fine sand and silt, saturated in caol tar, naphthalene-like odor.	
29	345.0							
30	380.0							
31	0.0	SB17 N7E3 30-32	30-35'	Wet	60	ML	30-33': Gray silt.	
32	0.0							
33	0.0					CL	33-35': Brown clay.	
34	0.0							
35	0.0							
36	0.0		35-40'	Wet	60	SP	Brown medium sand.	
37	0.0							
38	0.0							
39	0.0							
40							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-N3E2**	
	Weather:		
	Geologist: AK	Total Depth: 40'	
Start Date: 1/25/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/25/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	50	Fill/ML	0-1': Concrete. 1-5': Brown silt and sand with crushed brick.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Moist	30	Fill/ML	5-6': Concrete. 6-10': Dark gray silt and sand with abundant gravel, some wood. 9-10': Gray silt and clay.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Moist	40	ML CL	Gray silt and clay with gravel and roots from 13-15', faint organic odor.	
11	0.0							
12	68.0							
13	59.0							
14	47.0							
15	32.0		15-20'	Moist	60	CL	Gray clay with roots at 19-20', faint organic odor.	
16	84.0							
17	73.0							
18	200.0							
19	105.0							
20	112.0	SB17 N3E2 20-22	20-25'	Wet	60	CL SP/ML	20-21': Gray clay. 21-25': Gray/blue fine sand and silt saturated in coal tar, naphthalene-like odor.	
21	387.0							
22	493.0							
23	321.0							
24	284.0							

SOIL BORING LOG

	284.0							
25	12.8							
26	1.5	SB17						
27	0.0	N3E2 26-28	25-30'	Wet	60	ML	Dark brown silt and fine sand, sheen from 25-27'.	
28	0.0							
29	0.0							
30	0.0							
31	0.0							
32	0.0		30-35'	Wet	60	ML	30-32': Brown silt and little fine sand.	
33	0.0					CL	32-35': Brown clay.	
34	0.0							
35	0.0							
36	0.0							
37	0.0		35-40'	Wet	60	SP	Brown medium sand.	
38	0.0							
39	0.0							
40							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-17-N4E2**	
	Site Address: 318 Nevins Street		
	Weather:		
	Geologist: AK	Total Depth: 40'	
Start Date: 1/24/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/24/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	35	Fill/ML	Concrete and gravel, some brown silt and sand.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Moist	25	Fill/ML	Crushed concrete, gravel, wood.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Moist	60	Fill/ML	10-13': Gray silt, with abundant gravel and wood pieces.	
11	0.0							
12	0.0					CL	13-15': Gray clay, gravel, trace roots.	
13	0.0							
14	0.0							
15	0.0		15-20'	Moist	60	CL	Gray clay with roots.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	31.0	SB17 N4E2 20-22	20-25'	Wet	60	CL	20-21': Gray/blue clay.	
21	80.0							
22	192.0					ML/SP	21-25': Gray/blue silt and sand, coated in coal tar, naphthalene-like odor.	
23	230.0							
24	210.0							

SOIL BORING LOG

25	210.0							
26	25.0		25-30'	Wet	60	ML	Brown fine sand and silt, sheen, faint naphthalene-like odor.	
27	37.0							
28	17.0							
29	41.0							
30	19.0							
31	0.0	SB17 N4E2 30-32	30-35'	Wet	60	CL/ML	Brown silt and clay.	
32	0.0							
33	0.0							
34	0.0							
35	0.0							
36	0.0							
37	0.0		35-40'	Wet	60	SP	Brown medium sand.	
38	0.0							
39	0.0							
40							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-N4E3**	
	Weather:		
	Geologist: AK	Total Depth: 40'	
Start Date: 1/24/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/24/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	50	Fill/SP	Tan fine sand. This material appears to have been previousy disturbed/backfilled, in the area of the former tank grave.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	35	Fill/ML	5-6': Tan fine sand.This material appears to have been previousy disturbed/backfilled, in the area of the former tank grave. 6-9': Pea gravel. 9-10': Dark gray silt with some clay and gravel.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	50	ML CL	10-11': Gravel. 11-14': Dark gray silt with some clay and gravel. 14-15': Dark brown clay with roots.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	50	CL	15-16': Gravel. 16-20': Dark brown to gray clay with roots, faint organic odor.	
16	27.0							
17	43.0							
18	15.2							
19	14.7							
20	249.0	SB17 N4E3 20-22	20-25'	Wet	60	SP/ML	Gray/blue fine sand and silt, coated with coal tar at 21-22;, lenses of coal tar at 23' and 24', naphthalene-like odor.	
21	497.0							
22	329.0							
23	268.0							
24	322.0							

SOIL BORING LOG

25	322.0							
26	263.0		25-30'	Wet	60	ML	Brown fine silt with fine sand, sheen.	
27	195.0							
28	102.0							
29	131.0							
30	127.0							
31	0.0	SB17 N4E3 30-32	30-35'	Wet	60	CL	30-33': Brown clay. 33-35': Brown silt and clay.	
32	0.0							
33	0.0							
34	0.0							
35	0.0							
36	0.0							
37	0.0		35-40'	Wet	60	SP	Brown medium sand.	
38	0.0							
39	0.0							
40							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-N6E2**	
	Weather:		
	Geologist: AK	Total Depth: 40'	
Start Date: 1/25/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/25/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	60	Fill/SP	tan fine sand "clean fill," and gravel	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Moist	20	Fill/SP	tan fine sand "clean fill," and gravel	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Moist	20	Fill/ML	gravel, dark gray silt	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Moist	60	CL	Brown to gray clay	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	60	CL	20- 22 gray/blue clay with silt	
21	0.0							
22	45.0					ML	22-23 gray/blue silty sand	
23	180.0	SB17 N6E2				SP	23-25 gray blue fine sand, mod coated in coal tar	
24	192.0	23-25						

SOIL BORING LOG

25	192.0	25-25						
26	230.0		25-30'	Wet	60	ML	brown silt, mod-heavily coated in coal tar, strong sheen	
27	311.0							
28	320.0							
29	195.0							
30	208.0							
31	0.0	SB17 N6E2 30-32	30-35'	Wet	60	CL SP	30-33 brown clay 33-35 brown fine to medium sand	
32	0.0							
33	0.0							
34	0.0							
35	0.0							
36	0.0		35-40'	Wet	60	SP	Brown fine to medium sand	
37	0.0							
38	0.0							
39	0.0							
40							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-N6E3**	
	Weather:		
	Geologist: AK	Total Depth: 40'	
Start Date: 1/25/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/25/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	60	FIll	0-2': Concrete. 2-5': Ssphalt, gravel, trace silt.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Moist	20	Fill/ML	Gray silt and sand, gravel and wood.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Moist	20	ML CL	Brown silt with gray clay and roots at 14.5-15'.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	N/A	0	N/A	No recovery.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	60	SP	Gray/blue fine sand.	
21	0.0							
22	0.0							
23	0.0							
24	0.0							

SOIL BORING LOG

25	0.0							
26	256.0	SB17 N6E3 25-27	25-30'	Wet	60	ML	25-27.5': Brown silt some clay, coated in coal tar, naphthalene-like odor.	
27	239.0							
28	195.0					CL	27.5-30': Brown clay.	
29	43.0							
30	27.0							
31	0.0	SB17 N6E3 30-32	30-35'	Wet	60	CL/ML	Brown clay and silt.	
32	0.0							
33	0.0							
34	0.0							
35	0.0							
36	0.0							
37	0.0		35-40'	Wet	60	SP	Brown medium sand.	
38	0.0							
39	0.0							
40							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-N7E4**	
	Weather:		
	Geologist: AK	Total Depth: 35'	
Start Date: 1/25/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/25/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	30	Fill	Brown silt and sand with crushed brick, asphalt, and gravel.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Moist	45	Fill	5-6': Concrete and gravel. 6-9': Brown silt and sand, pieces of glass, gravel. 9-10': Gravel and little clay.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	50	Fill/CL ML	10-12': Gray clay, little gravel, little silt, roots. 12-15': Gray brown silty clay.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	60	CL	Dark gray clay with roots.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	15	CL	Gray/blue silt and clay.	
21	0.0							
22	0.0							
23	0.0							
24	0.0							

SOIL BORING LOG

25	0.0							
26	0.0					ML	25-27': Brown to dark brown fine sand and silt.	
27	0.0		25-30'	Wet	60	CL	27-29': Brown clay.	
28	0.0					SP	29-30': Brown fine sand.	
29	0.0							
30	0.0							
31	0.0							
32	0.0		30-35'	Wet	60	SP	Brown medium sand.	
33	0.0							
34	0.0							
35							End of boring at 35 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-N3E3**	
	Weather:		
	Geologist: AK	Total Depth: 35'	
Start Date: 1/26/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/26/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	60	Fill	0-4': Brown silt and sand, trade brick, abundant gravel. 4-6': Concrete.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	60	Fill/ML	Dark gray silt, little clay, abundant gravel, trace wood at 8'.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	60	Fill/ML CL	10-13': Gray silt and gravel. 13-15': Gray clay with trace roots.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	60	CL	Gray clay with roots.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	60	CL SP	20-21': Gray clay. 21-23': Gray/blue clay. 23-25': Gray/blue clay and fine sand, liner lightly coated in coal tar.	
21	0.0							
22	32.0							
23	75.0	SB17 N3E3 23-25						
24	84.0							
25								

SOIL BORING LOG

25								
	0.0	SB17 N3E3 25-27	25-30'	Wet	60	ML	25-27': Gray/blue silt and clay. 27-30': Brown silt and fine sand.	
26	0.0							
27	0.0							
28	0.0							
29	0.0							
30	0.0		30-35'	Wet	60	ML CL	30-31': Brown silt and fine sand. 31-35': Brown clay.	
31	0.0							
32	0.0							
33	0.0							
34	0.0							
35							End of boring at 35 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-N3E4**	
	Weather:		
	Geologist: AK	Total Depth: 30'	
Start Date: 1/26/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/26/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	60	Fill/ML	Brown silt and sand, gravel, trace brick and concrete.	
	0.0							
2	0.0							
	0.0							
3	0.0							
	0.0							
4	0.0		5-10'	Wet	60	Fill/ML	Brown silt and, and sand with gravel.	
	0.0							
5	0.0							
	0.0							
6	0.0							
	0.0							
7	0.0							
	0.0							
8	0.0		10-15'	Wet	60	ML CL	10-12': Gray silt and sand. 12-15:' Gray clay.	
	0.0							
9	0.0							
	0.0							
10	0.0							
	0.0							
11	0.0							
	0.0							
12	0.0							
	0.0							
13	0.0		15-20'	Wet	60	CL	Gray clay and roots.	
	0.0							
14	0.0							
	0.0							
15	0.0							
	0.0							
16	0.0							
	0.0							
17	0.0		20-25'	Wet	60	ML/SP	Gray/blue fine sand and silt.	
	0.0							
18	0.0							
	0.0							
19	0.0							
	0.0							
20	0.0							
	0.0							
21	0.0							
	0.0							
22	0.0							
	0.0							
23	0.0							
	0.0							
24	0.0							
	0.0							
25								

SOIL BORING LOG

25								
26	0.0		25-30'	Wet	60	SP	25-28': Brown fine sand. 28-30': Brown clay.	
27	0.0							
28	0.0							
29	0.0							
30	0.0							
							End of boring at 30 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-N4E4**	
	Weather:		
	Geologist: AK	Total Depth: 35'	
Start Date: 1/26/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/26/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	45	Fill	Brown silt and sand, concrete and gravel.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Moist	40	Fill/ML	Dark gray silt with gravel and asphalt.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	N/A	0	N/A	No recovery.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Moist	60	CL	gray clay with roots.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	49.0		20-25'	Wet	60	ML	20-21': Gray silt and clay, some gravel. 21-25': Gray/blue silt, coated at 22', naphthalene-like odor.	
21	138.0	SB17 N4E4 21-23						
22	250.0							
23	220.0							
24								

SOIL BORING LOG

24								
25	48.0							
26	25.0							
27	17.0							
28	0.0		25-30'	Wet	60	ML	25-28': Brown silt with sheen. 28-30': Brown clay.	
29	0.0	SB17 N4E4 28-30						
30	0.0							
31	0.0							
32	0.0		30-35'	Wet	60	CL SP	30-33': Brown clay. 33-35': Brown medium sand.	
33	0.0							
34	0.0							
35							End of boring at 35 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-N4E5**	
	Weather:		
	Geologist: AK	Total Depth: 30'	
Start Date: 1/26/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/26/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	40	Fill/ML	0-1': Concrete. 1-3': Brown fine sand. 3-5': Dark brown silty sand.	
2	0.0							
3	0.0							
4	0.0							
5	0.0							
6	0.0		5-10'	Moist	50	Fill/ML	Dark gray silt and clay with gravel.	
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Moist	60	CL	Gray clay trace gravel.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Moist	60	CL	15-19': Gray clay with roots. 19-20': Roots.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	25	ML	Gray/blue silt and clay.	
21	0.0							
22	0.0							
23	0.0							
24	0.0							

SOIL BORING LOG

	0.0							
25	0.0							
26	0.0							
27	0.0		25-30'	Wet	60	ML	25-27': Gray/blue silt. 27-30': Brown silt trace clay.	
28	0.0							
29	0.0							
30							End of boring at 30 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-N5E3**	
	Weather:		
	Geologist: AK	Total Depth: 35'	
Start Date: 1/26/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/26/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	40	Fill/ML	Gravek, trace tan fine sand.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	35	Fill/ML	Dark brown silt with gravel, trace wood.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	45	ML CL	10-13' Gray silt and gravel. 13-15': Gray silt and clay with gravel.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	60	CL	Dark brown/gray clay with roots.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	30	ML/SP	Gray/blue silt and fine sand, sheen at 24-25'	
21	0.0							
22	0.0							
23	45.0	SB17 N5E3 23-25						
24	38.0							

SOIL BORING LOG

	38.0	25-25						
25	-							
26	-							
27	-		25-30'	N/A	0	N/A	No recovery.	
28	-							
29	-							
30	0.0	SB17 N5E3 30-32						
31	0.0							
32	0.0		30-35'	Wet	50	CL	30-32': Brown clay.	
33	0.0						32-25': Berown medium sand.	
34	0.0							
35							End of boring at 35 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-17-N5E4**	
	Site Address: 318 Nevins Street		
	Weather:		
	Geologist: AK	Total Depth: 35'	
Start Date: 1/26/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/26/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	50	Fill	0-4': Concrete, crushed brick, brown silt and sand.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Moist Wet	50	Fill/ML	Gray silt with gravel, wood at 6'.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	30	Fill/ML ML/CL	10-12': Gray silt with gravel. 12-15': Gray silt and clay.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Moist	60	CL	15-19': Gray clay with roots. 19-20': Roots.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	60	CL/SP SP	20-21'" Gray/blue fine sand and clay. 21-25': Gray/blue fine sand.	
21	0.0							
22	0.0							
23	0.0							
24	0.0							

SOIL BORING LOG

25	0.0							
26	36.0	SB17 N5E4 25-27	25-30'	Wet	60	ML	25-27': Brown silt, lightly coated in coal tar. 27-30': Brown silt and clay.	
27	21.0							
28	1.5							
29	0.0	SB17 N5E4 28-30						
30	0.0							
31	0.0		30-35'	Wet	60	SP	Brown fine-medium sand.	
32	0.0							
33	0.0							
34	0.0							
35							End of boring at 35 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-N6E4**	
	Weather:		
	Geologist: AK	Total Depth: 35'	
Start Date: 1/26/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/26/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	60	Fill	0-2': Gravel and concrete. 2-5': Brown to tan fine sand.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	60	Fill/ML	5-9': Brown silt with gravel, shells at 8'. 9-10': Brown silt and clay.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	60	CL	10-12': Gray/brown clay. 12-14': Brown silt and clay. 14-15': Brown clay.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	60	CL	Gray/brown clay with roots.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	60	SP/ML	Gray/blue fine sand and little silt.	
21	0.0							
22	0.0							
23	0.0							
24	0.0							
25								

SOIL BORING LOG

25								
26	0.0							
27	0.0							
28	0.0		25-30'	Wet	60	ML CL	orwn silt which transitions into clay.	
29	0.0							
30	0.0							
31	0.0							
32	0.0							
33	0.0		30-35'	Wet	60	CL SP	Brown clay which transitions into fine sand.	
34	0.0							
35	0.0							
							End of boring at 35 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**
	Site/Project Name: 318 Nevins Street	
	Site Address: 318 Nevins Street	**SB-17-E3**
	Weather:	
	Geologist: AK	Total Depth: 35'
Start Date: 1/27/23	Drilling Company: PG	GW: 6-7'
Start Time:	Driller: Orlando	GW Stabilized: N/A
Completion Date: 1/27/23	Drill Rig: 7822 DT	GPS Coordinates:
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	60	Fill	Crushed brick, concrete, and gravel, trace wood.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	50	Fill/ML	5-5.5': Concrete. 5.5-10': Dark brown silt and sand, abundant gravel.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	60	Fill CL	10-12.5': Gravel. 12.5-15': Gray clay with roots at 14-15'.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	55	ML CL	15-16': Gray silt. 16-19': Gray clay with roots, roots at 19-20'.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	30	ML	Brown/gray silt some clay.	
21	0.0							
22	0.0							
23	0.0							
24	0.0							

SOIL BORING LOG

25	0.0							
26	0.0							
27	0.0						CL	25-26': Gray/blue clay trace silt.
28	0.0		25-30'	Wet	60		ML	26-30': Brown silt.
29	0.0							
30	0.0							
31	0.0							
32	0.0							
33	0.0		30-35'	Wet	60		CL	Brown clay.
34	0.0							
35	0.0							
								End of boring at 35 feet

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-17-N5E5**	
	Site Address: 318 Nevins Street		
	Weather:		
	Geologist: AK	Total Depth: 30'	
Start Date: 1/26/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/27/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	60	Fill/ML	0-1':Concrete. 1-5': Brown silt and sand with crushed brick and gravel.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	60	Fill/ML	5-6': Brown silt and sand with crushed brick and gravel. 6-8'Gray/brown silt and gravel. 8-10': Brown silt, trace clay.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	60	ML CL SP	10-12': Brown silt, fine sand and trace clay. 12-14': Brown clay. 14.5-15': Brown fine sand.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	60	ML/CL	Brown silt and clay.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	60	CL SP	20-22.5': Brown clay with roots. 22.5-25': Brown/gray fine sand.	
21	0.0							
22	0.0							
23	0.0							
24	0.0							
25								

SOIL BORING LOG

25								
26	0.0							
27	0.0							
28	0.0		25-30'	Wet	60	ML	25-28': Brown silt.	
29	0.0					CL	28-30': Brown clay.	
30	0.0							
							End of boring at 30 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-17-S1E3**	
	Site Address: 318 Nevins Street		
	Weather:		
	Geologist: AK	Total Depth: 35'	
Start Date: 1/27/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/27/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	60	Fill	0-2': Brown silt and sand with gravel. 2-5': Concrete.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	40	Fill/ML	5-6': Concrete and gravel. 6-10': Brown silt, trace gravel.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	6	ML	Gravel with trace silt, limited recovery.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	60	CL	15-19': Gray clay. 19-20': Roots.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	60	CL	20-22': Gray clay. 22-25': Gray/blue clay.	
21	0.0							
22	0.0							
23	0.0							
24	0.0							

SOIL BORING LOG

25	0.0							
26	0.0							
27	0.0		25-30'	Wet	2''	ML	Brown silt, little/no recovery.	
28	0.0							
29	0.0							
30	0.0							
31	0.0							
32	0.0		30-35'	Wet	60	ML	Brown silt.	
33	0.0							
34	0.0							
35							End of boring at 35 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-S2E1**	
	Weather:		
	Geologist: AK	Total Depth: 45'	
Start Date: 1/27/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/27/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	25	Fill/ML	Brown silt and sand with gravel, trace wood at 3'.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	35	Fill/ML	Brown compact silt and sand, trace gravel.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	0	N/A	No recovery.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	45	CL	Gray clay with trace roots.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	30	CL	20-22.5': Gray clay.	
21	0.0							
22	0.0							
23	0.0					SP/ML	22.5 -25': Gray/blue fine sand, trace silt.	
24	0.0							
25								

SOIL BORING LOG

25	0.0							
26	0.0							
27	0.0		25-30'	Wet	60		25-27': Brown silt, trace fine sand. 27-30': Brown fine sand.	
28	0.0							
29	0.0							
30	204.0	SB17 S2E1 30-32	30-35'	Wet	30		30-34': Brown silt, coated in coal tar, naphthalene-like odor. 34-35': Brown silt and clay.	
31	187.0							
32	211.0							
33	145.0							
34	32.0							
35	0.0	SB17 S2E1 35-37	35-40'	Wet	60		Brown medium sand.	
36	0.0							
37	0.0							
38	0.0							
39	0.0							
40	0.0		35-40'	Wet	60		Brown medium sand.	
41	0.0							
42	0.0							
43	0.0							
44	0.0							
45							End of boring at 45 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-S2E2**	
	Weather:		
	Geologist: AK	Total Depth: 40'	
Start Date: 1/27/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/27/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	50	Fill	0-4': Crushed brick. 4-5': Concrete.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	25	Fill/ML	5-7': Gravel. 7-10': Gray/brown silt with trace clay.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	60		10-11': Gray silt and gravel. 11-15': Gray clay with roots.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	60		Gray clay trace roots.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	N/A	N/A	No recovery.	
21	0.0							
22	0.0							
23	0.0							
24	0.0							

SOIL BORING LOG

25	0.0							
26	0.0							
27	0.0		25-30'	Wet			25-27': Gray silt, trace fine sand. 27-30': Brown silt.	
28	0.0							
29	0.0							
30	0.0							
31	0.0							
32	0.0		30-35'	Wet			Brown silt, at 34-35' lightly coated in coal tar.	
33	32.0	SB17 S2E2 33-35						
34	67.0							
35	0.0	SB17 S2E2 35-37						
36	0.0							
37	0.0		35-40'	Wet			Brown fine to medium sand.	
38	0.0							
39	0.0							
40							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental Closures, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-S2E3**	
	Weather:		
	Geologist: AK	Total Depth: 35'	
Start Date: 1/27/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/27/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	50	Fill	0-1': Concrete. 1-3': Crushed brick. 3-5': Concrete.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	45	Fill/ML	5-6': Concrete. 6-7': Gravel. 7-10': Brown silt, little sand with gravel.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	60	Fill/ML CL	10-13': Brown silt and sand with gravel. 13-15': Gray clay with trace roots.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	60	CL	Gray clay with trace roots.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	60	CL ML	20-21': Gray clay. 21-25': Gray/blue compact silt.	
21	0.0							
22	0.0							
23	0.0							
24	0.0							

SOIL BORING LOG

25	0.0							
26	0.0							
27	0.0		25-30'	Wet	60	ML	Brown silt, 4'' brown/tan clay at 30'.	
28	0.0							
29	0.0							
30	0.0							
31	0.0					ML		
32	0.0		30-35'	Wet	60	CL	Brown silt and clay.	
33	0.0					ML		
34	0.0							
35							End of boring at 35 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-S3**	
	Weather:		
	Geologist: AK	Total Depth: 45'	
Start Date: 1/30/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/30/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	40	Fill/ML	Brown silt and sand, asphalt, wood and crushed brick.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	40	Fill/ML	Brown silt, brick, wood at 9-10'.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	60	CL	Gray clay.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	40	Fill/ML	Gray silt with gravel.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	12	CL	Gray/blue silt and clay.	
21	0.0							
22	0.0							
23	0.0							
24	0.0							

SOIL BORING LOG

25	0.0							
26	381.0	SB17 S3 25-27	25-30'	Wet	55	SP	Brown/gray fine sand, coated, naphthalene-like odor.	
27	297.0							
28	405.0							
29	285.0							
30	310.0							
31	52.0		30-35'	Wet	60	ML SP	Brown silt and fien sand, trace sheen at 30-32'.	
32	45.0							
33	15.0							
34	0.0							
35	0.0							
36	15.1	SB17 S3 35-37	35-40'	Wet	60	SP	Brown fine sand.	
37	6,8							
38	0.0							
39	0.0							
40	0.0							
41	0.0		35-40'	Wet	60	SP	Brown medium to fine sand.	
42	0.0							
43	0.0							
44	0.0							
45	0.0							
							End of boring at 45 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-S3E1**	
	Weather:		
	Geologist: AK	Total Depth: 40'	
Start Date: 1/30/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/30/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	50	Fill/ML	Brown silt with gravel, asphalt, concrete, brick and wood 3-4'.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	50	Fill/ ML/ CL	5-6': Gray silt, gravel, and wood at 6'. 6-9': Gray silt with clay. 9-10': Gray clay.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	60	Fill/ML/CL	Gray silt, glay,and gravel, some roots.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	55	CL	Gray clay, trace roots.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	50	CL	Gray/blue clay.	
21	0.0							
22	0.0							
23	0.0							
24	0.0							

SOIL BORING LOG

25	0.0							
26	0.0							
27	0.0		25-30'	Wet	60	SP	Brown silt and fine sand.	
28	0.0							
29	0.0							
30	0.0							
31	0.0		30-35'	Wet	60	SP	Brown fine sand.	
32	0.0							
33	0.0							
34	0.0							
35	0.0		35-40'	Wet	60	SP	Brown fine to course sand	
36	0.0							
37	0.0							
38	0.0							
39	0.0							
							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc.
170 Keyland Court
Bohemia, NY 11716
P. (631) 269-8800

	Project #: 15977	**Boring ID:**
	Site/Project Name: 318 Nevins Street	
	Site Address: 318 Nevins Street	**SB-17-S4**
	Weather:	
	Geologist: AK	Total Depth: 40'
Start Date: 1/30/23	Drilling Company: PG	GW: 6-7'
Start Time:	Driller: Orlando	GW Stabilized: N/A
Completion Date: 1/30/23	Drill Rig: 7822 DT	GPS Coordinates:
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	45	Fill/ML	Brown silt and sand with gravel, concrete and brick.	
	0.0							
2	0.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	50	Fill/ML	gray silt and clay, trace brick and gravel.	
6	0.0							
7	0.0							
8	0.0							
9	0.0							
10	0.0		10-15'	Wet	60	CL/Fill	Gray clay with gravel.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	-		15-20'	N/A	0	N/A	No recovery.	
16	-							
17	-							
18	-							
19	-							
20	-		20-25'	N/A	0	N/A	No recovery.	
21	-							
22	-							
23	-							
24								

SOIL BORING LOG

25	-							
26	0.0	SB17 S4 25-27	25-30'	Wet	60	SP	Gray fine sand, trace silt, lightly coated in coal tar, faint naphthalene-like odor.	
27	0.0							
28	0.0							
29	0.0							
30	0.0							
31	17.3		30-35'	Wet	60	SP	Brown fine sand.	
32	15.5							
33	9.0							
34	0.0	SB17 S4 33-35						
35	0.0							
36	0.0		35-40'	Wet	60	SP	Brown medium sand.	
37	0.0							
38	0.0							
39	0.0							
40							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street		
	Site Address: 318 Nevins Street	**SB-17-S4E1**	
	Weather:		
	Geologist: AK	Total Depth: 40'	
Start Date: 1/30/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/30/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	40	Fill/ML	Brown soil and sand with asphalt, gravel, brick, and small intervals of wood at 2' and 4'.	
2	0.0							
3	0.0							
4	0.0							
5	0.0							
6	0.0		5-10'	Wet	45	Fill/ML CL	5-8': Brown/gray silt and sand with gravel. 8-10': Dark gray clay.	
7	0.0							
8	0.0							
9	0.0							
10	0.0							
11	0.0		10-15'	Wet	60	CL	10-12': Gray clay with abundant gravel. 12-15':Gray clay with roots.	
12	0.0							
13	0.0							
14	0.0							
15	0.0							
16	0.0		15-20'	Wet	60	CL	Gray clay with roots.	
17	0.0							
18	0.0							
19	0.0							
20	0.0							
21	0.0		20-25'	Wet	50	CL ML	20-22': Gray clay. 22-23': Rootsroots. 23-25': Gray/blue silt.	
22	0.0							
23	0.0							
24	0.0							

SOIL BORING LOG

25	0.0							
26	0.0							
27	0.0		25-30'	Wet	60	SP	Brown fine sand.	
28	0.0							
29	0.0							
30	0.0							
31	0.0							
32	0.0		30-35'	Wet	60	SP	Brown medium sand.	
33	0.0							
34	0.0							
35	0.0							
36	0.0							
37	0.0		35-40'	Wet	60	SP	Brown medium sand.	
38	0.0							
39	0.0							
40							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

SOIL BORING LOG

Impact Environmental, Inc. 170 Keyland Court Bohemia, NY 11716 P. (631) 269-8800	Project #: 15977	**Boring ID:**	
	Site/Project Name: 318 Nevins Street	**SB-17-S5**	
	Site Address: 318 Nevins Street		
	Weather:		
	Geologist: AK	Total Depth: 40'	
Start Date: 1/27/23	Drilling Company: PG	GW: 6-7'	
Start Time:	Driller: Orlando	GW Stabilized: N/A	
Completion Date: 1/27/23	Drill Rig: 7822 DT	GPS Coordinates:	
Completion Time: 14:00	Sampler Type/Len: Dual tube	X,Y	

Depth (Feet)	PID (ppmv)	Sample ID	Depth (From-To)	Moisture Content	Recovery (Inches)	USCS Symbol	Soil Description	MGP Color Code
1	0.0		0-5	Dry	40	Fill/ML	0-1': Crushed brick. 2-3': Wood, treated wood odors. 3-3.5': Brown/gray silt and sand with gravel.	
	97.0							
2	400.0							
3	0.0							
4	0.0							
5	0.0		5-10'	Wet	40	Fill/ML	Gray/brown silt and sand with gravel, wood at 7-8'.	
6	0.0							
7	89.0							
8	35.0							
9	0.0							
10	0.0		10-15'	Wet Moist Wet	50	Fill/ML CL Fill/ML	Gray silt and gravel, some clay.	
11	0.0							
12	0.0							
13	0.0							
14	0.0							
15	0.0		15-20'	Wet	40	Fill/CL	Gray clay and gravel.	
16	0.0							
17	0.0							
18	0.0							
19	0.0							
20	0.0		20-25'	Wet	25	ML/SP	Gray/blue silt and fine sand.	
21	0.0							
22	0.0							
23	0.0							
24	0.0							

SOIL BORING LOG

25	0.0							
26	0.0							
27	0.0		25-30'	Wet	40	ML/SP	Gray/Blue silt and fine sand.	
28	0.0							
29	0.0							
30	0.0							
31	0.0		30-35'	Wet	50	SP	Brown fine sand.	
32	0.0							
33	0.0							
34	0.0							
35	0.0							
36	0.0		35-40'	Wet	60	SP	Brown fine sand.	
37	0.0							
38	0.0							
39	0.0							
40							End of boring at 40 feet	

TRACE = 1 - 10% LITTLE = 11 - 20% SOME = 21 - 35% AND = 36 - 50 %

Appendix D

Excavation Work Plan

Site Management Plan
NYSDEC BCP #C224350

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
FAX: (631) 269-1599

NYSDEC BROWNFIELD CLEANUP PROGRAM

Excavation Work Plan – BCP # C224350

Updated August 1, 2025

conducted at:

300-344 Nevins Street/ 498 Union Street/417 Carroll Street (aka 318 Nevins Street)
Brooklyn, New York
County Tax Map Designation: *Block 439; Lots 1 & 10*

Submitted to:

Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, New York, 12233-7020

Prepared For:

Gowanus Nevins North LLC &
Gowanus Nevins South LLC
19 West 24th Street, 12th Floor
New York, NY, 10010

IEC Project # 15977

IMPACT ENVIRONMENTAL ENGINEERING AND GEOLOGY, PLLC
170 Keyland Court | Bohemia | New York | 11716 | 631.269.8800

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LIST OF ACRONYMS

Acronym	Definition
DER	Division of Environmental Remediation
E.I.T.	Engineer-in-Training
EWP	Excavation Work Plan
NYS DEC	New York State Department of Environmental Conservation
NYS DOH	New York State Department of Health
NYC RR	New York Codes, Rules, and Regulations
TCL	Target Compound List
QEP	Qualified Environmental Professional

CERTIFICATION

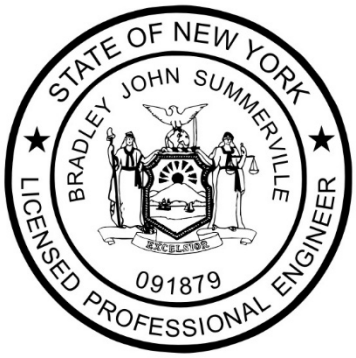
I, Brad Summerville, am a Professional Engineer (PE) as defined in §43-140. I have primary direct responsibility for implementation of the Excavation Work Plan (EWP) for the (318 Nevins, Brooklyn, NY) Site (DEC Site # C224350).

I certify that the EWP has a plan for the handling of soil, fill and other materials during excavation at the property in accordance with applicable City, State and Federal laws and regulations. This EWP has provisions to control nuisances during invasive work, including dust suppression.

Brad Summerville, P.E.
Name

Signature:

Date: 5-04-2026



1.3 INTRODUCTION

1.1 Notification

At least 15 days prior to the start of any activity that is anticipated to encounter residual materials located on the Site, the Site owner or their representative will notify the New York State department of Environmental Conservation (NYSDEC). The following table includes contact information for the above notification. The information on this table will be updated, as necessary, to provide accurate contact information. A full listing of Site-related contact information is provided below:

Notifications	
Name	**Contact Information**
NYSDEC Remediation Project Manager: Aaron Fischer	(518) 402-9767 Aaron.Fischer@dec.ny.gov
NYSDOH Project Manager: Christopher Budd	(518) 402-1769 christopher.budd@health.ny.gov

This notification will include:

- A detailed description of the work to be performed, including the location and areal extent of excavation, plans/drawings, estimated volumes of contaminated soil to be excavate.
- A summary of environmental conditions anticipated to be encountered in the work areas, including the nature and concentrations levels of contaminants of concern, potential presence of grossly contaminated media, and plans for any pre-construction sampling.
- A schedule for the work, detailing the start and completion of all intrusive work.
- A summary of the applicable components of this Excavation Work Plan (EWP).
- A statement that the work will be performed in compliance with the EWP and 29 Code of Federal Regulations 1910.120.
- A copy of the contractor's health and safety plan, in electric format.
- Identification of disposal facilities for potential waste streams.

- Identification of sources of any anticipated backfill, along with all required chemical testing results.

The NYSDEC project manager will review the notification and may impose additional requirements for the excavation that are not listed in this EWP. The alteration, restoration and modification of engineering controls must conform with Article 145 Section 7209 of the Education Law regarding the application professional seals and alterations.

1.2 Soil Screening Methods

Visual, olfactory, and instrumental-based (e.g. photoionization detector [PID]) soil screening will be performed by a qualified environmental professional (EP) during all excavations into known or potentially contaminated material (remaining contamination). Soil screening will be performed when invasive work is done and will include all excavation and invasive work performed during development, such as excavations for foundations and utility work, after issuance of the Certificate of Completion.

Soils will be segregated based on previous environmental data and screening results into material that requires offsite disposal and material that requires testing to determine if the material can be reused onsite as soil beneath a cover or if the material can be used as cover soil. Further discussion of offsite disposal of materials and onsite reuse is provided in Section 1.6 of this EWP.

1.3 Soil Staging Methods

Any stockpiled soil material will be covered with 8-mil minimum polyethylene sheeting.

Soil stockpiles will be continuously encircled with a berm and/or silt fence. Hay bales will be used as needed near catch basins, surface waters and other discharge points.

Stockpiled material will always be kept covered with appropriately anchored tarps. Stockpiles will be routinely inspected, and damaged tarp covers will be promptly replaced.

Stockpiles will be inspected at a minimum once each week and after every storm event. Results of inspections will be recorded in a logbook and maintained at the Site and available for inspection by the NYSDEC.

1.4 Materials Excavation and Load-Out

A qualified environmental professional (QEP) or person under their supervision will oversee all invasive work and the excavation and load-out of all excavated material.

The owner of the property (if applicable) and its contractors are responsible for safe execution of all intrusive and other work performed under this EWP. The presence of utilities and easements on the Site will be investigated by the QEP. It will be determined whether a risk or impediment to the planned work under this SMP is posed by utilities or easements on the Site.

The presence of utilities and easements on the site will be investigated by the qualified environmental professional. It will be determined whether a risk or impediment to the planned work under this SMP is posed by utilities or easements on the site. A site utility stakeout will be completed for all utilities prior to any ground intrusive activities at the site.

Loaded vehicles leaving the Site will be appropriately lined, tarped, securely covered, manifested, and placarded in accordance with appropriate federal, state, local and New York State Department of Transportation requirements.

Locations where vehicles enter or exit the site shall be inspected daily for evidence of off-site soil tracking.

The qualified environmental professional will be responsible for ensuring that all egress points for truck and equipment transport from the site are clean of dirt and other materials derived from the site during intrusive excavation activities. Cleaning of the adjacent streets will be performed as needed to maintain a clean condition with respect to site-derived materials. Material accumulated from the street cleaning and egress cleaning activities will be disposed off-site at a permitted landfill facility in accordance with all applicable local, State, and Federal regulations.

1.5 Materials Transport Offsite

All transport of materials will be performed by licensed haulers in accordance with appropriate local, state and federal regulations, including 6 New York Codes, Rules, and Regulations (NYCRR) Part 364. Haulers will be appropriately licensed and trucks properly placarded.

Material transported by trucks exiting the Site will be secured with tight-fitting covers. Loose-fitting canvas-type truck covers will be prohibited. If loads contain wet material capable of producing free liquid, truck liners will be used. Truck transport routes will be determined based on where the proposed excavation will occur.

The most appropriate truck route will account for: (a) limiting transport through residential areas and past sensitive sites; (b) use of city mapped truck routes; (c) prohibiting offsite queuing of trucks entering the facility; (d) limiting total distance to major highways; (e) promoting safety in access to highways; and (f) overall safety in transport.

Trucks will be prohibited from stopping and idling in the neighborhood outside the project Site. Egress points for truck and equipment transport from the Site will be kept clean of dirt and other materials during Site remediation and development. Queuing of trucks will be performed onsite to minimize offsite disturbance. Offsite queuing will be prohibited.

1.6 Materials Disposal Offsite

All material excavated and removed from the Site will be treated as contaminated and regulated material and will be transported and disposed of in accordance with all local, state (including 6 NYCRR Part 360) and federal regulations. If disposal of material from this Site is proposed for unregulated offsite disposal (i.e., clean soil removed for developmental purposes), a formal request with an associated plan will be made to the NYSDEC. Unregulated offsite management of materials from the Site will not occur without formal NYSDECC approval.

Offsite disposal locations for excavated soils will be identified in the pre-excavation notification. This will include estimated quantities and a breakdown by class of disposal facility if appropriate (i.e., hazardous waste disposal facility, solid waste landfill, petroleum treatment facility, construction/demolition recycling facility, etc.). Actual disposal quantities and associated documentation will be reported to the

NYSDEC. This documentation will include waste profiles, test results, facility acceptance letters, manifests, bills of lading and facility receipts.

Non-hazardous historic fill and contaminated soils taken offsite will be handled, at a minimum, as a Municipal Solid Waste per 6 NYCRR Part 360-1.2. Material that does not meet Unrestricted Soil Cleanup Objectives is prohibited from being taken to a New York State recycling facility (6 NYCRR Part 360-16 Registration Facility).

1.7 Materials Reuse Onsite

A Request to Import/Reuse Fill or Soil will be submitted to NYSDEC for review and approval prior to the reuse of any materials on-site.

The qualified environmental professional, as defined in 6 NYCRR Part 375, will ensure that procedures defined for materials reuse in this SMP are followed and that unacceptable material (i.e. contaminated) does not remain on-site. Contaminated on-site material, including historic fill and contaminated soil, that is acceptable for reuse on-site will be placed below the demarcation layer or impervious surface, and will not be reused within the cover system or within landscaping berms. Contaminated on-site material may only be used beneath the site cover as backfill for subsurface utility lines with prior approval from the DEC project manager.

Proposed materials for reuse on-site must be sampled for full suite analytical parameters including per- and polyfluoroalkyl substances (PFAS) and 1,4-dioxane. The sampling frequency will be in accordance with DER-10 Table 5.4(e)10 unless prior approval is obtained from the NYSDEC project manager for modification of the sampling frequency. The analytical results of soil/fill material testing must meet the site use criteria presented in NYSDEC DER-10 Appendix 5 – Allowable Constituent Levels for Imported Fill or Soil for all constituents listed, and the NYSDEC Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances [November 2022 or date of current version, whichever is later] guidance values. Approvals for modifications to the analytical parameters must be obtained from the NYSDEC project manager prior to the sampling event.

Soil/fill material for reuse on-site will be segregated and staged as described in Sections X-2 and X-3 of this EWP. The anticipated size and location of stockpiles will be

provided in the 15-day notification to the NYSDEC project manager. Stockpile locations will be based on the location of site excavation activities and proximity to nearby site features. Material reuse on-site will comply with requirements of NYSDEC DER-10 Section 5.4(e)4. Any modifications to the requirements of DER-10 Section 5.4(e)4 must be approved by the NYSDEC project manager.

Any demolition material proposed for reuse on-site will be sampled for asbestos and the results will be reported to the NYSDEC for acceptance. Concrete crushing or processing on-site will not be performed without prior NYSDEC approval. Organic matter (wood, roots, stumps, etc.) or other solid waste derived from clearing and grubbing of the site may only be reused on-site with written approval from the NYSDEC project manager.

1.8 Fluids Management

All liquids to be removed from the Site, including but not limited to, decontamination waters and groundwater monitoring well purge and development waters, will be handled, transport, and disposed in accordance with applicable local, state, and federal regulations. Dewatering, purge, and development fluids will not be recharged back to the land surface or subsurface of the Site, and will be managed offsite, unless prior approval is obtained from NYSDEC.

Discharge of water generated during large-scale construction activities to surface waters (i.e., a local pond, stream, or river) will be performed under a State Pollutant Discharge Elimination System permit.

1.9 Cover System Restoration

Discharge of water generated during large-scale construction activities to surface waters (i.e., a local pond, stream, or river) will be performed under a State Pollutant Discharge Elimination System permit.

After the completion of soil removal and any other invasive activities the cover system will be restored in a manner that complies with the [RAWP, decision document, or [Record of Decision]. The existing cover system is comprised of a minimum of [12 or 24 inches of clean soil, asphalt pavement, concrete covered

sidewalks and concrete building, etc.]. The demarcation layer, consisting of [orange snow fencing material, white geotextile or equivalent material, etc.] will be replaced to provide a visual reference to the top of the remaining contamination zone, the zone that requires adherence to special conditions for disturbance of remaining contaminated soils defined in this SMP. If the type of cover system changes from that which exists prior to the excavation (i.e., a soil cover is replaced by asphalt), (possibly "as shown on Figure [x]") this will constitute a modification of the cover element of the remedy and the upper surface of the remaining contamination. A figure showing the modified surface will be included in the subsequent Periodic Review Report and in an updated SMP. The alteration, restoration and modification of engineering controls must conform with Article 145 Section 7209 of the Education Law regarding the application of professional seals and alterations.

1.10 Construction Dewatering

Dewatering is not anticipated for the purposes of this EWP pertaining to construction activities conducted under the SMP. Should dewatering be needed at the Site, it will be done utilizing a pumping system, settling tanks, and possible treatment system.

Dewatering fluids are to be discharged to the local sanitary sewer system after treatment and under approved regulatory permit. Alternatively, the contractor may provide containerized storage to allow for testing of groundwater prior to, and after, treatment and before disposal. If required, Impact Environmental field personnel may sample dewatering treatment system liquids from either a discharge standpipe or a storage tank. Dewatering samples will be submitted to an NYSDEP ELAP-certified laboratory for analysis.

1.11 Equipment Decontamination and Vehicle Entrance/Exit SOP

The purpose of this standard operating procedure (SOP) is to provide the step-by-step procedures for field decontamination of environmental sampling equipment and personal protective equipment (PPE). Decontamination of equipment and PPE is designed to ensure that sample cross-contamination, human-health exposure, and contamination transport are minimized. This procedure applies to all IEEG

personnel and subcontractors engaged in collecting environmental samples or operating in environments in which hazardous or contaminating substances are expected to be present.

Procedure

Decontaminate all non-disposable sampling equipment used at the site both before activities begin and after each sample is collected. Decontaminate all drilling and excavation equipment both before activities begin and between each investigation location. Take care that materials and solutions used for decontamination procedures are themselves not hazardous or could potentially contaminate samples (that is, are acids and solvents).

Decontamination Area

A localized decontamination area for drill rigs and other sampling equipment will be identified on-Site. The decontamination area will be selected so that decontamination fluids and soil wastes can be managed in a controlled area with minimal risk to the surrounding environment. The decontamination area will be large enough to allow temporary storage of cleaned equipment and materials before use, as well as to stage drums of decontamination investigation-derived waste (IDW). Due to the nature of work to be performed and type of equipment required, the decontamination area will be lined with a heavy-gauge polyethylene sheeting (4-mil minimum) and include a collection system designed to capture potential decontamination IDW. Decontamination areas will be laid out in such a way as to prevent overspray while performing equipment and personnel decontamination.

Smaller decontamination tasks, such as surface water and sediment equipment decontamination, may take place at the sampling locations. In this case, all required decontamination supplies, and equipment must be mobilized to the site and smaller decontamination areas for personnel and portable equipment will be provided as necessary. These locations will include basins or tubs to capture decontamination IDW, which will be transferred to larger containers (drums) as necessary.

Decontamination Equipment

The following is a list of equipment and materials that may be needed to perform decontamination:

- Plastic sheeting/membrane to serve as secondary containment for liquids
- Drill rig mud-pad
- Brushes and flat-bladed scrapers
- Garden-type water sprayers (without oil-lubricated, moving parts)
- High-pressure washer

- Portable steam cleaner
- Sump or collection system for contaminated liquid
- Wash basins and buckets
- Spray and rinse bottles
- Potable water, deionized water, and laboratory-grade detergent (Liquinox, Alconox, or similar)
- Plastic waste bags
- Leak-tight liquid waste containers (55-gallon drums or similar)

General Sampling Equipment

Conduct consistent decontamination of sampling equipment to ensure the quality of the samples collected. Decontaminate all equipment that comes into contact with potentially contaminated samples. Disposable equipment intended for one-time use that is factory wrapped generally does not need to be decontaminated before use, unless evidence of contamination is present. Disposable equipment, such as disposable bailers, spoons, TerraCore® or Encore® VOC samplers, is preferred over reusable equipment; use wherever appropriate. Decontaminate sampling equipment, including split-barrel samplers, hand- augers, reusable bailers, spoons, trowels, shovels, and pumps used to collect samples for chemical analyses before each use and before sampling at a new sampling location.

- Take the following steps to decontaminate non-dedicated sampling equipment:
- Decontamination personnel will wear the appropriate PPE.
- The sequence of actual decontamination will be as follows:
- Remove as much gross contamination (such as pieces of soil) as possible off equipment at the sampling site.
- Wash water-resistant equipment thoroughly and vigorously with potable water containing non-phosphate laboratory-grade detergent such as Liquinox, Alconox, or equivalent, and using a bristle brush or similar utensil to remove any remaining residual contamination.
- Rinse equipment thoroughly with potable water (1st rinse).
- Rinse equipment thoroughly with portable water (2nd rinse).
- Air dry at a location where dust or other fugitive contaminants may not contact the sample equipment. Alternatively, wet equipment maybe dried with a clean, disposable paper towel to assist the drying process. All equipment should be dry before reuse.

- If the equipment is not used soon after decontamination, it should be covered or wrapped in new, oil-free aluminum foil or new, unused plastic bags to protect the decontaminated equipment from fugitive contaminates before reuse.
- Store decontaminated equipment at a secure, unexposed location out of the weather and any potential contaminant exposure.
- Wash water or rinsate solutions will be containerized and poured into a 55-gallon drum.

Groundwater Sampling Equipment

Proper decontamination between wells is essential to avoid introducing contaminants from the sampling equipment. For sampling with a submersible, bladder, or similar pump in which mechanisms of the pump come in direct contact with contaminated water, or sampling with a reusable stainless steel bailer, decontaminate the pump or bailer. The following steps will be used for pumps and bailers contaminated with dissolved phase contamination only:

- Wash the exterior of the pump or bailer and any associated cable thoroughly and vigorously with potable water containing non-phosphate laboratory-grade detergent such as Liquinox, Alconox, or equivalent, and using a dedicated wash bristle brush or similar brush.
- Place the pump into a potable water wash basin/reservoir containing non-phosphate laboratory-grade detergent making sure that the pump intake is fully submerged and the pump outlet is allowed to flow directly back into the wash reservoir. Set the pump to a very low flow rate and turn the pump on, allowing the wash water to recirculate through the pump mechanism for a minimum of 5 minutes. Disregard this step for reusable bailers.
- Initially, rinse the pump or bailer by repeating Steps 1 and 2 using potable water, a dedicated rinse bristle brush, and a rinse basin/reservoir containing only potable water (1st rinse).
- Final rinse the pump or bailer by duplicating Step 3 using potable water (2nd rinse).
- Dry off any excess water with a clean, disposable paper towel and allow to air dry at a location where dust or other fugitive contaminants may not contact the sample pump or bailer.

Wash water collected within the rinse reservoir will be containerized and poured into a 55-gallon drum.

Measurement Devices and Monitoring Equipment

For water quality instruments, oil-water interface indicators, water level indicators, continuous water level dataloggers, and other field instruments that have the potential to come into contact with site media, at a minimum, wash with dilute laboratory-grade detergent (Liquinox or similar) and double rinse

with potable and distilled/deionized water before and after each use using a similar procedure as discussed in Section 3.3.2.

Drilling and Subsurface Soil Sampling Equipment

Drilling equipment and associated materials will be decontaminated by the drilling contractor within the decontamination area prior to any drilling operations and between borings. Decontaminate tools used for soil sampling (for example, split spoon samplers) before and between collecting any analytical samples, as outlined in Section 3.3.2. Thoroughly clean external and internal surfaces of drilling equipment (that is, drill bits, auger, drilling stem, and hand tools) before beginning any drilling operations and between borings using the following basic sequence:

- Remove as much gross contamination as possible off equipment at the sampling site.
- Wash equipment thoroughly and vigorously with high-temperature potable water using a high-pressure washer and/or steam cleaner. A bristle brush is also suggested to remove any persistent gross contamination.
- Rinse equipment twice thoroughly with potable water (1st and 2nd rinse).
- Air dry at a location where dust or other fugitive contaminants may not contact the sample equipment. All equipment should be dry before reuse.
- Store decontaminated equipment at a location away from any potential exposure from fugitive contamination.
- Wash water or rinsate solutions will be collected and poured into a 55-gallon drum.

Stabilized Construction Entrance(s)

Steps will be taken to ensure that vehicles departing the site will not track soil, fill or debris off-Site. Such actions may include use of temporary asphalt, concrete or stone pads or other aggregate-based egress paths between the Site and the property exit. The aggregate-based pad will be pitched back toward the Site for containment and prevention of water leaving the Site. Measures will be taken to ensure that adjacent roadways will be kept clean of project related soils, fill and debris. An outbound-vehicle inspection station will be set up close to the Site exit. Before exiting the Site, vehicles will be required to stop at the inspection station and will be examined for evidence of contaminated soil on the undercarriage, body, and wheels. Soil and debris will be removed. Brooms, shovels and clean water will be utilized for the removal of soil from vehicles and equipment, as necessary.

Investigation-Derived Wastes

Wash water or rinsate solutions will be accumulated in 55-gallon drums and subsequently transported to a waste storage area designated by the client prior to being properly disposed of off-site.

1.12 Backfill from Offsite Sources

All materials proposed for import onto the Site will be approved by the QEP. A Request to Import/Reuse Dill or Soil form (http://www.dec.ny.gov/regulations/67386.html) will be prepared and submitted to the NYSDEC Project Manager allowing a minimum of 5 business days for review.

Material from industrial sites, spill sites, or other environmental remediation sites or potentially contaminated sites will not be imported to the Site.

All imported soils will meet the backfill and cover soil quality standards established in 6 NYCRR 375-6.7(d) and New York State Division of Environmental Remediation (DER)-10 Section 5.4(e). Based on an evaluation of the land use, the resulting soil quality standards are listed in Table 375-6.8(b) for restricted-residential use. Soils that meet 'exempt' fill requirements under 6 NYCRR Part 360, but do not meet backfill or cover soil objectives for this Site, will not be imported onto the Site without prior approval by NYSDEC. Solid waste will not be imported onto the Site.

Trucks entering the Site with imported soils will be securely covered with tight-fitting covers. Imported soils will be stockpiled separately from excavated materials and covered to prevent dust releases. All stockpiles will be graded for stability and stored on poly sheeting.

1.13 Stormwater Pollution Prevention

If applicable, barriers and hay bale checks will be installed and inspected once a week and after every storm event. Results of inspections will be recorded in a logbook and maintained at the Site and available for inspection by the NYSDEC. All necessary repairs shall be made immediately. Accumulated sediments will be removed as required to keep the barrier and hay bale check functional. All undercutting or erosion of the silt fence toe anchor shall be repaired immediately with appropriate backfill materials. Manufacturer's recommendations will be followed for replacing silt fencing damaged due to weathering.

Erosion and sediment control measures shall be observed to ensure that they are operating correctly. Where discharge locations or points are accessible, they shall be inspected to ascertain whether erosion control measures are effective in preventing significant impacts to receiving waters. Silt fencing or hay bales will be installed around the entire perimeter of the construction area.

1.14 Excavation Contingency Plan

If underground tanks or other previously unidentified contaminant sources are found during excavations or development related to construction, excavation activities will be suspended until sufficient equipment is mobilized to address the condition.

Sampling will be performed on product, sediment, and surrounding soils, etc., as necessary, to determine the nature of the material and proper disposal method. Chemical analysis will be performed for a full list of analytes (Target Analyte List metals; Target Compound List [TCL] volatiles and semi-volatiles, [TCL] pesticides, and polyvinyl chlorinated biphenyls [PCBs]), unless the Site history and previous sampling results provide sufficient justification to limit the list of analytes. In this case, a reduced list of analytes will be proposed to the NYSDEC for approval prior to sampling.

Identification of unknown or unexpected contaminated media identified by screening during invasive site work will be promptly communicated by phone to NYSDEC's Project Manager. Reportable quantities of petroleum product will also be reported to the NYSDEC spills hotline. These findings will be also included to the NYSEDC in subsequent reporting

1.15 Community Air Monitoring Plan

Continuous air monitoring will be conducted for protection of the downwind community during site work activities, per the NYSDOH generic Community Air Monitoring Plan in DER-10 Appendix 1A. Continuous air monitoring for volatile organic compounds will be conducted by a minimum of one dedicated person and will use approved instrumentation during ground intrusive activities. The following action levels have been established for air monitoring.

Parameter	Action Level	Action
Total particulates	2.5 times background and/or greater than 150 micrograms per cubic meter	Work ceases until mitigated

Parameter	Action Level	Action
Volatile organic compounds	5 parts per million above background (15-minute average) at the downwind perimeter of the work zone	Work ceases until mitigated
Visible dust	Visible dust as determined by the Engineer	Work ceases until mitigated

1.16 Special Requirements for Indoor Work with Co-Located Residences or Facilities

Unless a self-contained, negative-pressure enclosure with proper emission controls will encompass the work area, all individuals not directly involved with the planned work must be absent from the room in which the work will occur. Monitoring requirements shall be as stated above under "Special Requirements for Work Within 20 Feet of Potentially Exposed Individuals or Structures" except that in this instance "nearby/occupied structures" would be adjacent occupied rooms. Additionally, the location of all exhaust vents in the room and their discharge points, as well as potential vapor pathways (openings, conduits, etc.) relative to adjoining rooms, should be understood and the monitoring locations established accordingly. In these situations, it is strongly recommended that exhaust fans or other engineering controls be used to create negative air pressure within the work area during remedial activities. Additionally, it is strongly recommended that the planned work be implemented during hours (e.g. weekends or evenings) when building occupancy is at a minimum.

1.17 Odor Control Plan

This Odor Control Plan is capable of controlling emissions of nuisance odors offsite. Specific odor control methods to be used on a routine basis will include odor masking agents. If nuisance odors are identified at the Site boundary, or if odor complaints are received, work will be halted, and the source of odors will be identified and corrected. Work will not resume until all nuisance odors have been abated. NYSDEC and NYSDOH will be notified of all odor events and of any other complaints about the project. Implementation of all odor controls, including the halt of work, is the responsibility of the remedial party's Remedial Engineer, and any measures that are implemented will be provided to the NYSEDC in subsequent reporting.

All necessary means will be employed to prevent onsite and offsite nuisances. Due to the nature and extent of contamination identified on-site, odor suppressant will be available on-site prior to the start of any invasive work. At a minimum, these measures will include: (a) limiting the area of open excavations

and size of soil stockpiles; (b) shrouding open excavations with tarps and other covers; and (c) using foams to cover exposed odorous soils. If odors develop and cannot be otherwise controlled, additional means to eliminate odor nuisances will include: (a) direct load-out of soils to trucks for offsite disposal; (b) use of chemical odorants in spray or misting systems; and (c) use of staff to monitor odors in surrounding neighborhoods.

If nuisance odors develop during intrusive work that cannot be corrected, or where the control of nuisance odors cannot otherwise be achieved due to onsite conditions or close proximity to sensitive receptors, odor control will be achieved by sheltering the excavation and handling areas in a temporary containment structure equipped with appropriate air venting/filtering system.

1.18 Dust Control Plan

A dust suppression plan that addresses dust management during invasive onsite work will include, at a minimum, the following items:

- Dust suppression will be achieved by using a dedicated onsite water truck for road wetting. The truck will be equipped with a water cannon capable of spraying water directly onto off-road areas including excavations and stockpiles.
- Clearing and grubbing of larger sites will be done in stages to limit the area of exposed, unvegetated soils vulnerable to dust production.
- Gravel will be used on roadways to provide a clean and dust-free road surface.
- Onsite roads will be limited in total area to minimize the area required for water truck sprinkling.

1.19 Other Nuisances

A plan for rodent control will be developed and utilized by the contractor prior to and during site clearing and grubbing, and during all remedial work.

A plan will be developed and utilized by the contractor for all remedial work to ensure compliance with local noise control ordinances.

1.20 Daily Reporting

Daily reports proving a general summary of the activities for each day of active remedial work will be submitted to the NYSDEC and NYSDOH project managers by the end of each business day. The reports will include:

- BCP Site number and statement of the activities performed that day and an update of progress made as well as locations of excavation and other remedial work performed;
- Quantities of material imported and exported from the Site;
- Status of on-Site soil/fill stockpiles;
- A summary of all citizen complaints, with relevant details basis of complaint; actions taken, etc.);
- A summary of CAMP results noting all exceedances; and
- Photographs of notable Site conditions and activities.

The frequency of the reporting period may be revised in consultation with the NYSDEC and NYSDOH project managers based on the planned project tasks. Daily reports are not intended to be the primary mode of communication for notification to NYSDEC and NYSDOH of emergencies (accidents, spills), or other sensitive or time critical information. However, such information will be included in the daily reports.

Appendix E

Health and Safety Plan

Site Management Plan
NYSDEC BCP #C224350

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
FAX: (631) 269-1599

Health and Safety Plan

Generic - Environmental Field Investigation/Remediation Activities

Version 2.3

IMPACT ENVIRONMENTAL

170 KEYLAND COURT, BOHEMIA, NEW YORK 11754 | 631.269.8800 TELEPHONE | 631. 269.1599 FACSIMILE | IMPACTENVIRONMENTAL.COM

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1 Introduction

This Health and Safety Plan (HASP) describes the procedures to be followed in order to reduce employee exposure to potential health and safety hazards that may be present during environmental Field Investigation/Remediation activities being performed at any location by Reliant Corporation staff where a specific HASP is not in force, herein referred to as the "site". The site is New York State Inactive Hazardous Waste Disposal Site that is currently undergoing RCRA closure activities to mitigate detected organic and inorganic soil and groundwater contaminants. Additionally, emergency response procedures necessary to respond site-related hazards are also described within this HASP.

All activities performed under this HASP are targeted to comply with Occupational Safety and Health Administration (OSHA) Regulations 29 CFR Part 1910.1025. This document is not, nor does it purport to be, a complete description of all safety and health requirements applicable to work performed at the site. Rather, the HASP is a general overview of the compliance policies and work practices applicable to the primary tasks and hazards associated with the environmental restoration activities at the site, as well as a recitation of minimum safety and health compliance obligations for contractors, subcontractors and workers at the site. All subcontractors of any tier operating at the worksite are obligated to implement and maintain comprehensive safety and health plans for their own employees and to ensure that their employees comply with all applicable safety and health requirements. All subcontractors operating at the worksite should refer to the applicable specific OSHA Standards for detailed requirements.

1.1 Purpose

~~This HASP is required according to OSHA 29 CFR 1910.1025.~~ The purpose of this HASP is to provide the contractors' (Reliant Corporation and its subcontractors) field personnel with an understanding of the potential chemical and physical hazards that exist or may arise while portions of this project are being performed. To this end, this HASP also presents information on the progression of the environmental Field Investigation/Remediation activities and specific details regarding the handling of materials excavated from the site.

The primary objective is to ensure the well being of all field personnel and the community surrounding this site. In order to accomplish this, project staff and approved subcontractors of any tier shall acknowledge and adhere to the policies and procedures established herein. Accordingly, all personnel assigned to the Field Investigation/Remediation activities associated with this project (Investigative Personnel) shall read this HASP and sign the Agreement and Acknowledgment Statement (Appendix F) to certify that they have read, understood, and agrees to abide by its provisions. A copy of this HASP will be available to anyone that requests it. Other Personnel (e.g. government officials, administrators, bank inspectors, assessors, etc.) that will have limited exposure to the site native soil/fill material during investigative activities will be instructed on how to reduce the probability of exposure to site contaminants, but will not be required read the HASP.

~~The contractor's personnel have the authority to stop work performed by sub-contractors at this site if said work is not performed in accordance with the requirements of this HASP.~~

1.2 Site Description

This generic HASP assumes that the work is to be performed within the geographic work areas covered by Reliant Corporation.

1.3 Recognized Environmental Conditions

It is typical at sites that past site operations and on-site waste disposal methods have contaminated the site soil and groundwater. The typical contaminants include organic and inorganic analytes including PCBs, volatile organic compounds, semivolatile organic compounds and inorganic metals.

The primary exposure routes for site contaminants to affect Investigative Personnel are through inhalation, ingestion and/or dermal contact.

With respect to the volatile and semivolatile organic analytes detected in the soil and/or groundwater, the speciation and concentrations are typically impacted with contaminants that are similar to those

associated with diesel fuel or heating oil. Accordingly, exposure determinations used for this document will be consistent with guidelines provided within Material Safety Data Sheets for diesel oil. A typical MSDS sheet for diesel oil is included within this document.

With respect to volatile organic compounds, PCBs and inorganic heavy metals, exposure determinations used for this document will be consistent with guidelines provided within MSDS of each substance in its static compound/elemental state. The MSDS for each substance is included within this document. Also included within this document are MSDS sheets for other substances typically found in historic fill, soil, uncontaminated C&D and contaminated C&D.

All MSDS sheets are available within this document.

WARNING: No document can address all potential contaminants that could exist on any site. Precautions should be taken to avoid all contact with soils and/or groundwaters from any site.

2 Application of Health and Safety Plan

The procedures of this HASP apply for any person that will enter the boundaries of the site, or a portion of the site during Field Investigation/Remediation activities.

2.1 Investigative/Remediation Personnel

Employees of contractors and subcontractors of any tier performing the following activities will be considered Investigative Personnel:

- Sampling of native soil/fill material using hydraulic equipment
- Cleaning or decontaminating equipment or personnel
- Performing field screening activities
- Supervising excavation activities
- Performing air quality tests
- Managing and tracking waste transportation vehicles

All subcontractors, of any tier, must submit a HASP to the Site Health and Safety Officer for review and approval prior to mobilizing to the site. Only HASPs that comply with this HASP will be approved. Where a subcontractors HASP is deficient, the Site Health and Safety Officer will provide written notification of any required changes. Approved HASPs will be retained on-site for reference by the Site Health and Safety Officer.

~~Where a contractor or subcontractor does not have a HASP~~

3 Key Personnel / Identification of Health & Safety Personnel

3.1 Key Personnel

A list of the pertinent personnel authorized to supervise site health and safety operations is presented below:

Title	**Name**	**Telephone Number**
Director of Training	James Rivera	(C) 631-664-6115
Site Health & Safety Officer Field Operations Leader *Reliant Corporation*	Job Specific PROJECT COORDINATOR	(O) 631.375-9379

PROJECT COORDINATOR RESPONSIBLE FOR ADDING ADDITIONAL CONTACT DATA

4 Task / Operation Health and Safety Risk Analysis

The field tasks covered by the HASP will include material excavation with hydraulic equipment and hand tools, the manual sorting of materials, the transporting and loading of materials onto trucks for off-site transport, and if necessary, soil/fill sampling. Additionally, standard job task hazards that are inherent to a construction project will exist.

4.1 Explosion and Fire

This Section is not, nor does it purport to be, a comprehensive recitation of safety and health requirements applicable to explosion and fire. Rather, contractors, subcontractors and workers at the site must refer to OSHA's Fire Protection and Prevention Standard, set forth at 29 C.F.R. § 1910 part 1926.35, as well as all supporting OSHA Compliance Directives and Letters of Interpretation, for complete information on safety and health compliance obligations. The following are possible fire and explosion hazards that may be encountered on the job site along with fire preventive measures to take.

4.1.1 Flammable Vapors

The presence of flammable vapors can pose a potential fire and health hazard. Hazard reduction procedures include monitoring the ambient air with an oxygen/LEL meter (combustible gas indicator). If the LEL reading exceeds 20%, all work will stop and employees will leave the site immediately and contact the fire department. For OSHA-defined "confined space" activities, work will stop if the LEL reading exceeds 10%.

4.1.2 High Oxygen Levels

Atmospheres that contain a level of oxygen greater than 23% pose an extreme fire hazard (the usual ambient oxygen level is approximately 20.5%). All personnel encountering atmospheres that contain a level of oxygen greater than 23% must evacuate the site immediately and must notify the Fire Department. If the oxygen level is less than 19.5%, do not enter the space without level B PPE.

4.1.3 Fire Prevention

- During equipment operation, periodic vapor concentration measurements should be taken with an explosimeter or combustimeter. If at any time the vapor concentrations exceed 20%

of the lower explosive limit (LEL), then the Site Safety Officer or designated field worker should immediately shut down all operations.

- Only approved safety cans will be used to transport and store flammable liquids.
- All gasoline and diesel-driven engines requiring refueling must be shut down and allowed to cool prior to filling.
- Smoking is not allowed during any operations within the work area in which petroleum products or solvents in free-floating, dissolved, or vapor forms, or other flammable liquids may be present.
- No open flame or spark is allowed in any area containing flammable liquids.

4.2 Operational Safety Hazards

This Section is not, nor does it purport to be, a comprehensive recitation of safety and health requirements applicable to earth moving equipment. Rather, contractors, subcontractors and workers at the site must refer to OSHA's Excavation Standard, set forth at 29 C.F.R. § 1910 Subpart P as well as all supporting OSHA Compliance Directives and Letters of Interpretation, for complete information on safety and health compliance obligations.

4.2.1 Heavy Machinery / Equipment

All site employees must remain aware of those site activities that involve the use of heavy equipment and machinery. Respiratory protection and protective eyewear may be worn frequently during site activities. This protective equipment significantly reduces peripheral vision of the wearer. Therefore, it is essential that all employees at the site exercise extreme caution during operation of equipment and machinery to avoid physical injury to themselves or others.

4.2.2 Damage Prevention

Damage of underground facilities must be prevented by calling all relevant utilities for a mark-out. The underground facilities should be marked in the area where the excavating is occurring with the appropriate paint, flags and/or stakes according to the Underground Facility Protection Act. The color code requirements are presented in the graphic below.

4.2.3 Vehicular Traffic

All employees will be required to wear a fluorescent safety vest at all times while on site. In addition, supplemental traffic safety equipment use can be exercised when warranted by specific task. Supplemental equipment can be items such as cones, flags, barricades, and/or caution tape. Drivers of waste transportation vehicles will only exit vehicles in designated areas within the Support Zone. During this time, drivers will only be allowed to inspect the placement of waste loads and cover their trailers.

4.3 Noise Hazards

This Section is not, nor does it purport to be, a comprehensive recitation of safety and health requirements applicable to noise hazards. Rather, contractors, subcontractors and workers at the site must refer to OSHA's Occupational Noise Exposure Standard, set forth at 29 C.F.R. § 1910 part 1926.52, as well as all supporting OSHA Compliance Directives and Letters of Interpretation, for complete information on safety and health compliance obligations.

Hearing protection shall be provided to the employees where sound pressure levels exceed 85 dB. Hearing protection shall be worn where sound pressure levels in areas and/or on equipment exceeds 90 dB. Typical heavy excavation operations have been monitored with a sound level meter and indicate that hearing protection is required for all personnel while engaged in this action.

4.4 Safe Material Handling

This Section is not, nor does it purport to be, a comprehensive recitation of safety and health requirements applicable to safe material (soil/fill) handling. Rather, contractors, subcontractors and workers at the site must refer to OSHA's Eye and Face, and Respiratory Safety Standards, set forth at 29 C.F.R. § 1910 Parts 1926.102 and 1926.103 as well as all supporting OSHA Compliance Directives and Letters of Interpretation, for complete information on safety and health compliance obligations.

Skin and eye contact with contaminated soil/fill or materials in contact with the soil/fill may occur during excavation, handling and decontamination activities. Nitrile gloves and approved safety glasses must be worn to prevent exposure to the associated contaminants. Employees working at or near (within ten feet of) excavation fronts could be required to wear respiratory protection. If necessary, all associated activities will be performed pursuant to 29 C.F.R. § 1910 Parts 1926.134 (a)(2) and 1926.55.

4.5 Temperature Hazards

This Section is not, nor does it purport to be, a comprehensive recitation of safety and health requirements applicable to temperature stresses. Rather, contractors, subcontractors and workers at the site must refer to OSHA's Technical Manual (TED 1-0.15A), Section III – Chapter 4 (1999) as well as all supporting OSHA Compliance Directives and Letters of Interpretation, for complete information on safety and health compliance obligations.

Since climatic changes cannot be avoided, work schedules will be adjusted to provide time intervals for intake of juices, juice products, and water in an area free from contamination and in quantities appropriate for fluid replacement to prevent heat stress conditions from occurring.

4.5.1 Types of Heat Stress

Heat stress may occur even in moderate temperature areas and may present any or all of the following:

4.5.1.1 *Heat Rash*

Result of continuous exposure to heat, humid air, and chafing clothes. Heat rash is uncomfortable and decreases the ability to tolerate heat.

4.5.1.2 *Heat Cramps*

Result of the inadequate replacement of body electrolytes lost through perspiration. Signs include severe spasms and pain in the extremities and abdomen.

4.5.1.3 *Heat Exhaustion*

Result of increased stress on the vital organs of the body in the effort to meet the body's cooling demands. Signs include shallow breathing; pale, cool, moist skin; profuse sweating; and dizziness.

4.5.1.4 *Heat Stroke*

Result of overworked cooling system. Heat stroke is the most serious form of heat stress. Body surfaces must be cooled and medical help must be obtained immediately to prevent severe injury and/or death. Signs include red, hot, dry skin, absence of perspiration, nausea, dizziness and confusion, strong, rapid pulse that could lead to coma or death.

4.5.2 Heat Stress Prevention

A. Replace body fluids (water and electrolytes) lost through perspiration. Solutions may include a 0.1% salt and water solution or commercial mixes such as "Gatorade." Employees must be encouraged to drink more than the amount required in order to satisfy thirst.
B. Use cooling devices to aid the natural body ventilation. Cooling occurs through evaporation of perspiration and limited body contact with heat-absorbing protective clothing. Utilize fans and air conditioners to assist in evaporation. Long, cotton underwear is suggested to absorb perspiration and limit any contact with heat-absorbing protective clothing (i.e., coated Tyvek suits).
C. Conduct non-emergency response activities in the early morning or evening during very hot weather.
D. Provide shelter against heat and direct sunlight to protect personnel. Take breaks in shaded areas.
E. Rotate workers utilizing protective clothing during hot weather.
F. Establish a work regime that will provide adequate rest periods, with personnel working in shifts.

4.6 Cold Exposure Hazards

Work schedules will be adjusted to provide sufficient rest periods in a heated area for warming up during operations conducted in cold weather. Also, thermal protective clothing such as wind and/or moisture resistant outerwear is recommended to be worn.

If work is performed continuously in the cold at or below -7 ºC (20 ºF), including wind chill factor, heated warming shelters (tents, cabins, company vehicles, rest rooms, etc.) shall be made available nearby and the worker should be encouraged to use these shelters at regular intervals, the frequency depending on the severity of the environmental exposure. The onset of heavy shivering, frostnip, the feeling of excessive fatigue, drowsiness, irritability, or euphoria, are indications for immediate return to the shelter. When entering the heated shelter, the outer layer of clothing shall be removed and the remainder of the clothing loosened to permit sweat evaporation. A change of dry work clothing shall be provided as necessary to prevent workers from returning to their work with wet clothing.

Dehydration, or the loss of body fluids, occurs in the cold environment and may increase the susceptibility of the worker to cold injury due to a significant change in blood flow to the extremities. Warm sweet drinks and soups should be provided at the work site to provide caloric intake and fluid volume. The intake of coffee should be limited because of a diuretic and circulatory effect (adapted from TLV's and Biological Exposure Indices 1988-1989, ACGIH).

5 Personnel Training

5.1 Pre-assignment and OSHA Training

All Investigative Personnel that will be in direct contact (that is hand digging, sampling, processing) with the native soil/fill materials must complete an initial 40-hour Hazardous Waste Operations and Emergency Response (HAZWOPER) training course and, where necessary, a current eight hour refresher course (as required annually after initial 40-hour training completion). Restoration Personnel that will not be in direct contact with native soil/fill materials are only required to prove they have read and understood the procedures presented in this HASP.

On-site managers and supervisors of Restoration Personnel (Field Operations Leader, Site Health and Safety Officer) directly responsible for employees engaged in hazardous substance operations have received an initial 40-hour HAZWOPER training course and an additional (above the 40-hour HAZWOPER) eight hours of supervisory training. These training requirements comply with the OSHA Hazardous Waste Operations and Emergency Response Regulation, 29 CFR 1910.120. The Site Safety Officer will be certified in First Aid and Cardiovascular Pulmonary Resuscitation.

The Site Health and Safety Officer will conduct an on-site training meeting for all Investigative Personnel and observers that could potentially be exposed to the native soil/fill material during construction activities. Training meetings will be provided routinely for any new project personnel. This program will cover specific health and safety equipment and protocols and potential problems inherent to each project operation. The Site Health and Safety Officer will be present for any activities being performed by Construction Personnel that will involve the handling of soil/fill during construction activities to provide supervision on exposure reduction. This may include insuring the use of proper PPE and air quality monitoring.

5.2 Respirator Requirements

5.2.1 Respirator Requirements and Fit Testing

The OSHA respiratory protection standard, 29 CFR 1910.134, under paragraph (f)(2), requires fit testing for all employees using tight fitting respirators including filtering face piece respirator. The fit test must be performed before the respirator is used and must be repeated at least annually and whenever a different respirator face piece is used or a change in the employee's physical condition could affect the respirator fit.

The user seal check is a separate requirement under paragraph (g)(1)(iii) and must be performed each time the employee dons the respirator. Employers must adhere to the recommendations of the respirator's manufacturer; different manufacturers recommend different procedures.

5.2.2 Medical Surveillance

OSHA requires a medical evaluation to determine whether each employee required to wear a respirator is physically able to wear a respirator and perform the work. This evaluation can be a medical examination or an evaluation of employee responses to the OSHA Respirator Medical Evaluation Questionnaire located in Appendix C of the Respiratory Protection Standard. Either method must be performed by a physician or other licensed healthcare professional. Appendix E has a copy of the forms to be completed.

A medical examination may be necessary whenever the employee gives a positive response to any of questions 1 through 8 in Appendix C, Part A, Section 2.

6 Personal Protective Equipment

This Section is not, nor does it purport to be, a comprehensive recitation of safety and health requirements applicable to personal protective equipment. Rather, contractors, subcontractors and workers at the site must refer to OSHA's Personal Protective Equipment Standard, set forth at 29 C.F.R. § 1910.Part 1926.28(a) as well as all supporting OSHA Compliance Directives and Letters of Interpretation, for complete information on safety and health compliance obligations.

The purpose of personal protective clothing and equipment (PPE) is to shield or isolate individuals from the chemical, physical, and biological hazards that may be encountered on-site when engineering and other controls are not feasible or cannot provide adequate protection. Careful selection and use of adequate PPE should protect the health of all on-site workers. No single combination of PPE is capable of protecting against all hazards. Therefore, PPE should be used in conjunction with, not in place of, other protective methods, such as engineering controls and safe work practices.

Site-specific chemicals of concern include semi-volatile organic compounds. These chemicals are of moderate to low hazard. Therefore, level D personal protective equipment will be required at all times when on site. The following is a breakdown of the types of protective clothing and equipment to be used during the site activities.

6.1 Levels of Protection

The Site Safety Officer will determine whether a level of protection should be upgraded or downgraded. Changes in the level of protection will be recorded in the dedicated site logbook along with the rationale for the changes (see Section 7.1.3 for additional information on PPE upgrades). Modified Level D PPE will be the minimum requirement at all times during the environmental restoration portion of the project.

6.1.1 Level D Personal Protective Equipment

All initial site access and activities will be done in Level D attire. Level D protection is sufficient under conditions where no contaminants are present or those activities that do not pose a potential threat of unexpected inhalation of or contact with hazardous levels of any substances.

Typical Level D activities may include sediment, logging and groundwater sampling, and as surficial site surveys.

- Hard hat
- Safety glasses (as appropriate)
- Steel toe and shank boots
- Fluorescent vest
- Hearing protection (as appropriate)

6.1.2 Modified Level D Personal Protective Equipment

- Hard hat
- Safety glasses
- Steel toe and shank boots
- Fluorescent vest
- Nitrile "N-Dex" inner gloves
- Latex outer boots (chemical resistant)
- Polyethylene coated Tyvek suit
- Hearing protection (as appropriate)

6.1.3 Level C Personal Protective Equipment

Level C protection, as described in this plan, will be available at a minimum for those activities that involve surface and subsurface soil (strata disturbance such as well installation, and all subsurface media sampling activities such as split-spoon sampling and borings). Level C protection equipment should be readily available at all times. Consistent with OSHA training, prior to donning Level C, oxygen percent must be continuously monitored.

- Buddy system required at all times
- Full face respirator with NIOSH approved OV/AG/HEPA combination cartridges (MSA GMC-H)
- Saranex coated Tyvek Suit
- Inner Nitrile "N-Dex" gloves
- Outer Nitrile (NBR) gloves
- Steel toe and shank boots
- Outer boots (chemical resistant)
- Hard hat

• Hearing protection (as appropriate)

6.1.4 Level B Personal Protective Equipment

Some activities may require Level B protection. In atmospheres potentially containing toluene and xylenes, the protective ensemble should include chemical resistant clothing since the two compounds have skin absorption potential.

Regional Health and Safety representatives must be on site upon start-up of any project requiring level B protection. This should be understood to include subcontractors conducting Level B activity.

• Buddy system required at all times
• Supplied air respirator or SCBA
• Saranex coated Tyvek Suit
• Inner Nitrile "N-Dex" gloves
• Outer Nitrile (NBR) gloves
• Steel toe and shank boots
• Outer boots (chemical resistant)
• Hard hat
• Hearing protection (as appropriate)

6.2 Personal Use Factors and Equipment Change Out Schedule

Prohibitive or precautionary measures should be taken as necessary to prevent workers from jeopardizing safety during equipment use.

If necessary, all respiratory protective equipment used will be approved by NIOSH/MSHA. Respirator cartridges will be changed once per eight-hour shift at a minimum. This can be accomplished at the end of the workday during respirator decontamination. Employees working within the excavation front should change the cartridge of their respirators once every four hours. If odor breakthrough is detected while wearing the respirator or if breathing becomes difficult, change cartridges immediately. A filter change out schedule is provided below.

Remedial Worker	**Work Area**	**Filter Type**	**Replacement Rate**
Site Screener	EZ – At Excavation Front	MSA GMC-H	Every 4 Hours
Laborer	EZ – At Excavation Front	MSA GMC-H	Every 2 Hours
	SZ, CRZ	MSA GMC-H	Every 8 Hours
Equipment Operator	EZ	MSA GMC-H	Every 4 Hours
	SZ, CRZ	MSA GMC-H	Every 8 Hours
Administrator	EZ	MSA GMC-H	Every 4 Hours
	SZ, CRZ	MSA GMC-H	Every 8 Hours

When utilizing protective garments such as Tyvek suits, gloves, and booties, all seams between protective items will be sealed with duct tape.

Contact with contaminated surfaces, or surfaces suspected of being contaminated, should be avoided. This includes walking through, kneeling in, or placing equipment in puddles, mud, discolored surfaces, or on drums and other containers.

Eating, smoking, drinking, and/or the application of cosmetics in the immediate work area is prohibited. Ingestion of contaminants or absorption of contaminants into the skin may occur.

The use of contact lenses on the job site is strongly advised against. Contact lenses may trap contaminants and/or particulate between the lens and eye, causing irritation. However, when glasses are not available, contact lenses are preferred over faulty vision. When contact lenses are worn, safety glasses and/or goggles must be worn at all times while on the job site. Wearing contact lenses with a respirator in a contaminated atmosphere is prohibited under 29 CFR ss1910.134 (e)(5)(iii).

7 Community Air Monitoring Program

Where necessary during sampling, the air in work areas will be sampled periodically (on the site and at the property lines) for the presence of contaminants. Levels of organic vapors in the ambient air will be monitored during the fieldwork to ensure that appropriate levels of respiratory protection are employed at all times. Additionally, the testing will be performed to determine if changes to this plan are warranted to protect workers, the community and the environment.

7.1 Organic Compounds

When deemed appropriate, a member of the safety team will use a real-time, organic vapor analyzer to monitor the concentration of volatile organic compounds (VOCs) in the air in the work areas, and will determine when changes in site operations and personal protection equipment are necessary. No changes in the levels of respiratory protection specified above will be made without the approval of the site safety supervisor and the project team leader.

During the environmental field investigative activities, the site workers will use a photo ionization detector (PID) and/or a combustible gas indicator (CGI) to monitor levels of organic vapor in the air and verify that they are within the safety guidelines established by the preliminary assessment of the risks associated with site investigation/remediation. The PID has an audible alarm set for 5 ppm (the lowest action threshold presented within this plan). The GCI will have an audible alarm set to detect explosive atmospheres. Testing will be performed as necessary within the exclusion zone and at the nearest down-wind property line to insure the protection of the surrounding community.

Screening activities with respect to soil quality are detailed in section 8 of this report. At a minimum, where monitoring equipment is used, the following information will be logged.

- Instrument type and detection range
- Control settings
- Reading locations
- Atmospheric conditions

- Calibration Records – To be performed a minimum of once per day

For health and safety purposes, the benzene concentration in air will be identified as 2% of the total concentration of detected hydrocarbons. This method is consistent with air monitoring conducted by the NYSDEC.
The data collected during monitoring will be used to guide site operations in a manner that is consistent with the New York State Department of Environmental Conservation, DER-I0 Technical Guidance for Site Investigation and Remediation, Generic Community Air Monitoring Plan.

Accordingly, if the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppm over background for the l5-minute average. **If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.**

7.2 Fugitive Emissions and Odor Monitoring

Airborne fugitive particulate emissions at the site EZ and at the nearest down wind property line will be measured by the Site Safety Officer on a continuous basis during waste handling activities. The measurements will be made using a portable particulate monitoring device manufactured by the Casella Corporation. The monitoring device is capable of detecting airborne particulate (PM-10) at concentrations ranging from 1 to 1000 micrograms per cubic meter (ug/m3). Detected concentrations are logged within the instrument memory and can be retrieved using Microsoft Windows-based software provided by the

manufacturer. Retrieved data cab be imported into standard PC-based spreadsheet and database software for analysis and report presentation.

At a minimum, where the particulate monitoring device is used, the following information will be logged.

- Instrument type and detection range
- Control settings
- Reading locations
- Atmospheric conditions
- Calibration Records – To be performed a minimum of once per day

The data collected during monitoring will be used to guide site operations in a manner that is consistent, or due to the presence of heavy metal contaminants within the soil is more restrictive than those presented within the New York State Department of Environmental Conservation, DER-I0 Technical Guidance for Site Investigation and Remediation, Generic Community Air Monitoring Plan.

If **during handling of the soil/construction fill** the total downwind PM-10 particulate level is 5 micrograms per cubic meter (ug/m3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then the handling activities must immediately stop, and the dust suppression techniques listed in section 8.3 of this document must be employed. Activities cannot resume until the mitigating measures result in a net downwind PM-10 particulate concentration below 5 ug/m3.

Because the detection of odors is subjective, the Site Health and Safety Officer will be charged with the responsibility of making a determination if measures are required to abate odors. Since the contaminant concentrations in the soil/fill are generally below the odor threshold, the odor sources during the site will be the operation of diesel engines associated with hydraulic material handling and transportation.

7.3 Site Matrix for Protection Level Determinations

Action levels represent those conditions requiring an upgrade of personal protective equipment (PPE). The information presented below applies to the above chemical constituents. All air monitoring results should be logged in the Site Safety Log. The following tables provide for quick reference for each monitored parameter.

7.3.1.1 Ionization Detector Response

Photoionization Detector (PID)	
Concentrations (in ppm)	**Level of PPE Required/Procedure**
0.0 to 15.0	Level D
15.1 to 250.0	Level C
> 750.0	Immediately withdraw from the area

7.3.1.2 Combustible Gas Response

Combustible Gas Indicator (CGI)	
Results (% of LEL)	**Level of PPE Required/Procedure**
0.0 to 20.0	Level D - Continue with normal activity
Above 20.0	Discontinue all site restoration activities - Immediately withdraw from the area and implement emergency procedures presented in Section 11 of this document.

7.3.1.3 Particulate Detector Response

Real Time Particulate Detection Meter	
Results (gm/m3)	**Level of PPE Required/Procedure**
0.0 to 5.0	Continue with normal activity – Level D
>5.0	Level C Protection - Discontinue site activities – initiate dust control activities listed in Section 8.3 of this document

8 Site Management and Planning

8.1 Material Handling Plan

All activities presented herein will occur from 7:00 a.m. to 6:00 p.m., Monday through Friday.

To limit exposure of the site workers to the detected contaminants, the site will be divided into four operable zones. The zones will be defined as: the exclusion zone (the area of the subject property where the required excavation will occur); the contaminant reduction zone (an area at least 50 feet away from the exclusion zone in which personal protective equipment is removed); the support zone (area where equipment is stored); and, the clean zone (mitigated areas of the subject property). The location of zones will change throughout the duration of the site development project.

8.1.1.1 Underground Storage Tank Identification Contingency Plan

If a tank is discovered during investigative activities, this plan will be implemented by the project Site Health and Safety Officer. All activities required to remove the tank in accordance with the applicable local, state and federal codes will be performed by the emergency standby environmental contractor (listed in Section 3.1 of this document).

Pre-Excavation Activities

If the tank is determined to have leaked as evidenced by the presence of soil/fill staining or by observation of a structural failure, the following activities will be performed.

1. The NYCDEP, NYCDHPD will be notified, and the NYSDEC spill hotline will be called and a spill number obtained.
2. The Project Administrator, the Project Manager and the Project Administrator will be notified.
3. The Emergency Response Contractor will be notified to identify if product remains in the tank.
4. If product is in the tank, a product sample will be secured for analysis to determine its chemistry.
5. The Site Health and Safety Officer will determine the need for a change of PPE.
6. Where the product has been identified, the Emergency Response Contractor will evacuate the liquid product from the tank for its off-site disposal.

7. Manifests for the volume of product removed will be retained for inclusion in the Project Closure Report.
8. The tank will be cut in a manner appropriate to the product, cleaned, rendered vapor-free and removed by the contractor.
9. Work will proceed as identified in the post tank excavation section below.

If there is no evidence that the tank has leaked, the following activities will be performed.

1. The Project Administrator, the Project Manager and the Field Operations Leader will be notified.
2. A determination will be made if product remains in the tank.
3. If product is in the tank, a product sample will be secured for analysis to determine its chemistry.
4. The Site Health and Safety Officer will determine the need for a change of PPE.
5. Where the product has been identified, an appropriate waste hauler will be retained to evacuate the liquid product from the tank and for its off-site disposal.
6. Manifests for the volume of product removed will be retained for inclusion in the Project Closure Report.
7. The standby tank removal contractor will be notified.
8. The tank will be cut, cleaned, rendered vapor-free and removed by the standby environmental contractor.
9. Work will proceed as identified in the post tank excavation section below.

Post Excavation Activities

If a leak is evidenced upon removal of the tank, the following activities will be performed.

1. If not done so already, the NYSDEC spill hotline will be called and a spill number obtained.
2. If not done so already, the Project Administrator, the Project Manager and the Field Operations Leader will be notified.
3. The impacted soil/fill, which will be identified by the Site Health and Safety Officer using a organic vapor analyzer, will be excavated and placed upon sheeted plastic for subsequent testing, transport and off-site disposal. Waste characterization analysis will be limited to TCLP for toxicity, reactivity and ignitability. Upon removal of impacted soil/fill, confirmation testing will be performed to determine the efficacy of the activities.

If no leak is evidenced upon removal of the tank, confirmation testing of the remaining soil/fill within the excavation will be performed (see below).

Confirmation Testing of Remaining Soil/fill

For each tank excavation, two soil/fill samples will be secured from the base and one from each side-wall corresponding to the north, south, east and west directions (NYSDEC SPOTS Memo #14). Each sample will be a composite of three randomly selected locations. Upon acquisition of the samples, the following activities will be performed.

1. Samples will be preserved at four degrees Fahrenheit and transported to a New York State certified commercial laboratory for analysis.
2. Laboratory analysis will be in accordance with the chart below (note: this chart is considerate of waste classification and disposal criteria).

PRODUCT	USEPA 8270 Base Neutrals	USEPA 8270 TAL	USEPA 8260 TAL+15	USEPA 8260 TAGM + MTBE	USEPA 8081 PCB/ Pesticides	USEPA 6010 TAL	FULL TCLP
Kerosene, Diesel or Fuel Oil	x			x			
Gasoline				x			
Waste Oil		x		x	x		x
Other		x	x		x	x	x

Administration

If the analysis of the confirmation samples demonstrates that the quality of the remaining soil/fill is consistent with background (in concentration and species of detected analytes) or free of contaminants, then the following activities will be performed.

1. An Underground Storage Tank Site Assessment report consistent with NYSDEC DER-10 memorandum will be prepared and forwarded to the NYSDEC, the Project Administrator, the Project Manager and the Project Administrator. If applicable, the report will include all waste manifests and disposal tickets. Where a spill number was issued for the release, the letter will

indicate that the spill has been mitigated and request that the status of the spill be listed as "closed" on the NYSDEC spill log.

2. All data acquired will be retained for inclusion in the Project Closure Report

If the analysis of the confirmation samples demonstrates that the quality of the remaining soil/fill is not consistent with background (in concentration and species of detected analytes), the following activities will be performed.

1. If not done so already, the NYSDEC spill hotline will be called and a spill number obtained.
2. The Project Administrator, Project Manager and Project Administrator will be notified.
3. Where necessary to remove the area impacted (base and/or sidewall or sidewalls), the extent of the excavation will be increased by fifteen feet vertically and horizontally from the point(s) of detection. The excavated fill material will be placed upon sheeted plastic for waste characterization testing and subsequent off-site disposal.
4. Upon removal of impacted fill material, confirmation testing will be performed to determine the efficacy of the activities.
5. These activities will continue until confirmation sample analysis demonstrates that the quality of the remaining fill material is consistent with background or free of contaminants.

8.2 Work Zone Definitions

Work and support areas shall be established based on ambient air data and proposed work sites. They shall be established in order to contain contamination within the smallest areas possible and shall ensure that each employee has the proper PPE for the area or zone in which work is to be performed.

8.2.1 Exclusion Zone (EZ)

It is within this zone that the investigative activities are performed. No one shall enter this zone unless the appropriate PPE is donned. The location of this zone will change as the construction-related excavation activities are performed.

8.2.2 Contaminant Reduction Zone (CRZ)

It is within this zone that the decontamination process is undertaken. Personnel and their equipment must be adequately decontaminated before leaving this zone for the support zone. This zone will be set up between the EZ (no less than 100 feet away) and the site boundary.

8.2.3 Support Zone (SZ)

The support zone is considered to be uncontaminated; as such, protective clothing and equipment are not required but should be available for use in emergencies. All equipment and materials are stored and maintained within this zone. Protective clothing is put on within the SZ before entering the EZ or the CRZ. The SZ will be established in a safe environment at least 50 feet away from the EZ.

8.3 Fugitive Dust Control Measures

To prevent the occurrence of fugitive emissions the following procedures will be implemented.

- A strict facility speed limit will be set at 15 miles per hour.
- Fill and soil will be wetted using potable water where it is to be disturbed.
- Media stockpiles will be covered with plastic poly sheeting.
- Investigative activities will be halted where winds exceed 40 miles per hour.
- Handling of soil/fill for inspection/evaluation will be performed within the central portions of the site as to provide maximum distance to the property lines.
- Media handled about the site will be covered while being transported within trucks.
- Excavation will be performed using an industrial vacuum.

8.4 Material Transport

Permitted trucks exiting the subject property containing contaminated material will be given a solid waste transport charter (see Sample Ticket 1 below) to act as a transportation manifest. The charters are printed on sequentially numbered four-part carbon-less form paper. "Section 1" of each charter will be completed by the driver of each truck before it departs from the loading area. Section 2 will be completed by a representative of the Generator before the truck is allowed to exit the site. If the receiving facility

does not provide a signed and dated certified weight ticket for attachment to the form, then a representative of the receiving facility will complete Section 3 of the form.

Sample Ticket 1
Sample Transportation Charter

SOLID WASTE TRANSPORT CHARTER

Generator:	Transport Company 1:
Site Address:	Transport Company 2:
Contact:	

This soil is being transported and accepted as a solid waste for beneficial reuse as a landfill cover material or disposal. Copies of authorization to transport this soil to the listed receiving facility are maintained within the transport vehicle.

In case of emergency, contact:

James Rivera
Reliant Corp.
701 Densfield Road
West Babylon, NY 11704
631-664-6115

Section 1

Truck Plate Number:	
Driver Name/Signature:	
Date/Time of Departure:	

Section 2

Generator Signature:

(name)_____(signature)_____(date)_____

Receiving Facility:	To be determined
Address:	
TELEPHONE NO.:	

Section 3

Date of Receipt (month/day/year)_____(time)_____

Received By: (sign name)_____(signature)_____

8.4.1.1 Distribution of Charter Parts

The distribution of each colored page of the multi-part forms will be as follows.

White	-	Generator
Yellow	-	Restoration Contractor – *Reliant Corporation*
Pink	-	Receiving TSDF for Disposal – *Waste Dependent*
Green	-	Agency Contact – *NYCDEP and NYCDHPD*

8.4.1.2 Truck Entrance and Egress

Truck entrance and egress will be made via paved roadways.

8.5 Material Disposal/Beneficial Reuse

The material being removed from the site will be transported off-site for processing and disposal/beneficial reuse. All permits for the selected disposal facility will be issued to the generator, NYCDEP and NYCDHPD for review and approval.

8.6 Backfilling

All backfill material will consist exclusively of clean building products such as quartzite sand (from bags), cement, concrete or asphalt.

9 General Safety and Health Provisions

This Section is not, nor does it purport to be, a comprehensive recitation of safety and health requirements applicable to general safety and health provisions. Rather, contractors, subcontractors and workers at the site must refer to OSHA's General Safety and Health Provision Standard, set forth at 29 C.F.R. § 1910 subparts C and G as well as all supporting OSHA Compliance Directives and Letters of Interpretation, for complete information on safety and health compliance obligations.

9.1 Safety Practices / Standing Orders

The following are important safety precautions that will be enforced during work activities.

1. Eating, drinking, chewing gum or tobacco, smoking, or any practice that increases the probability of hand-to-mouth transfer and ingestion of material is prohibited in any area designated as contaminated.
2. Hands and face must be thoroughly washed upon leaving the work area and before eating, drinking, or any other activity.
3. Whenever decontamination procedures for outer garments are in effect, the entire body should be thoroughly washed as soon as possible after the protective garments are removed.
4. No excessive facial hair that interferes with the effectiveness of a respirator will be permitted on personnel required to wear respiratory protection equipment. The respirator must seal against the face so that the wearer receives air only through the air purifying cartridges attached to the respirator. Fit testing shall be performed prior to respirator use to ensure the wearer obtains a proper seal.
5. Contact with potentially contaminated surfaces should be avoided whenever possible. One should not walk through puddles; kneel on the ground; lean, sit, or place equipment on drums, containers, vehicles, or the ground.
6. Medicine and alcohol can potentate the effect from exposure to certain compounds. Prescribed drugs and alcoholic beverages should not be consumed by personnel involved in the project.
7. Personnel and equipment in the work areas should be minimized, consistent with effective site operations.
8. Work areas for various operational activities should be established.

9. Procedures for leaving the work area must be planned and implemented prior to going to the site. Work areas and decontamination procedures must be established on the basis of prevailing site conditions.
10. Respirators will be issued for the exclusive use of one worker and will be cleaned and disinfected after each use.
11. Safety gloves and boots shall be taped to the disposable, chemical-protective suits as necessary.
12. All unsafe equipment left unattended will be identified by a "DANGER, DO NOT OPERATE" tag.
13. Noise mufflers or earplugs may be required for all site personnel working around heavy equipment. This requirement will be at the discretion of the Site Safety Officer. Disposable, form-fitting plugs are preferred.
14. Cartridges for air-purifying respirators in use will be changed daily at a minimum.

9.2 Buddy System

Site personnel will employ the buddy system when working under certain circumstances, such as enclosed spacing. Under the buddy system, each site worker is responsible for monitoring the well-being of another worker. No one will work alone when the buddy system is implemented. At no time will fewer than two employees be present at the site if activities are underway.

9.3 Site Communications Plan

Mobile telephone and/or two-way radios will be used to communicate between the work parties on the site. The following standard hand signals will be used in case of failure of radio communication:

- Hands on top of head = Need assistance
- Thumbs up = OK, I am alright, I understand
- Thumbs down = No, negative

Personnel in the Contaminated Zone should remain in constant radio communication or within sight of the project team leader. Any failure of radio communication will require the team leader to evaluate whether personnel should leave the zone.

9.4 Retention of Records

The following records will be maintained on-site and in corporate records for no less than three years.

- Fit test results
- OSHA Training Certification
- Medical Questionnaire and/or Medical Clearance
- Medical Data Sheets
- Accident Report Forms

10 Decontamination Plan

10.1 General

Personnel involved in work activities at the site may be exposed to compounds in a number of ways, despite the most stringent protective procedures. Site personnel may come in contact with vapors, gases, mists, particulates in the air, or other site media while performing site duties. Use of monitoring instruments and site equipment can also result in exposure and transmittal of hazardous substances.

In general, decontamination involves scrubbing with a detergent water solution followed by clean water rinses. All disposable items shall be disposed of in a dry container. Certain parts of contaminated respirators, such as harness assemblies and leather or cloth components, are difficult to decontaminate. If grossly contaminated, they may have to be discarded. Rubber components can be soaked in detergent and water and scrubbed with a brush. In addition to being contaminated, all respirators, non-disposable protective clothing, and other personal articles must be sanitized or replaced before they can be used again if they become soiled from exhalation, body oils, and perspiration. The manufacturer's instructions should be followed in sanitizing the respirator masks.

The Site Safety Officer will be responsible for the proper maintenance, decontamination, and sanitizing of any respirator equipment that may be used on-site.

The decontamination zone layout and procedures should match the prescribed levels of personal protection.

The following procedures have been established to provide site personnel with minimum guidelines for proper decontamination. Personnel leaving the point of operations designated as the EZ must follow these minimum procedures. The decontamination process shall take place within the contaminant reduction zone.

10.2 Minimum Decontamination Procedure

Personnel leaving the point of operations should remove or change outer gloves. At a minimum, boots shall be cleaned of all accumulated soil/fill. Outer boots must be properly washed where gross contamination is evident or disposed of. If Tyvek suits are being utilized, they should be removed or changed. Personnel should remove the Tyvek suits so that the inner clothing does not come in contact with any contaminated surfaces. After Tyvek removal, personnel shall remove and discard outer Nitrile gloves. Personnel shall then remove the respirator, where applicable. Respirators shall be disinfected between uses with towelettes or other sanitary methods. Potable water, at a minimum, will be present so that site personnel can thoroughly wash hands and face after leaving the point of operations.

The Site Safety Officer will monitor decontamination procedures to ensure their effectiveness. Modifications of the decontamination procedure may be necessary as determined by the Site Safety Officer's observations.

10.3 Standard Decontamination Procedure

The following decontamination procedures should be implemented during site operations for the appropriate level of protection.

10.3.1 Level B

Segregated equipment drop	Deposit equipment (tools, sampling devices, notes, monitoring instruments, radios, etc.) used on the site onto plastic drop cloths.
Boot covers and glove wash	Outer boots and outer gloves should be scrubbed with a decontamination solution of detergent and water or replaced.
Rinse off boot covers and gloves	Decontamination solution should be rinsed off boot covers and gloves using generous amounts of water. Repeat as many times as necessary.
Tape removal	Remove tape from around boots and gloves and place into container with plastic liner.
Boot cover removal	Remove disposable boot covers and place into container with plastic liner.
Outer glove removal	Remove outer gloves and deposit in container with plastic liner.
Suit / safety boot wash	Completely wash splash suit, SCBA, gloves, and safety boots. Care should be exercised that no water is allowed into the SCBA regulator. It is suggested that the SCBA regulator be wrapped in plastic.
Suit / safety boot rinse	Thoroughly rinse off all decontamination solution from protective clothing.
Tank or canister changes	This is the last step in the decontamination procedure for those workers wishing to change air tanks and return to the EZ. The

	worker's air tank or cartridge is exchanged, new outer glove and boot covers are donned, and joints taped.
Removal of safety boots	Remove safety boots and deposit in container with a plastic liner.
SCBA backpack removal	Without removing the face piece, the SCBA backpack should be removed and placed on a table. The face piece should then be disconnected from the remaining SCBA unit and then proceed to the next station.
Splash suit removal	With care, remove the splash suit. The exterior of the splash suit should not come in contact with any inner layers of clothing.
Inner glove wash	The inner gloves should be washed with a mild decontamination solution (detergent / water).
Inner glove rinse	Generously rinse the inner gloves with water.
Face piece removal	Without touching the face with gloves, remove the face piece. The face piece should be deposited into a container that has a plastic liner.
Inner glove removal	Remove the inner glove and deposit into a container that has a plastic liner.
Field wash	Wash hands and face thoroughly. If highly toxic, skin corrosive, or skin absorbent materials are known or suspected to be present, a shower should be taken.

10.3.2 Level C and Level D

The decontamination procedure for Level C and Level D will be satisfied with the Minimum procedures outlined in section 8.2.

10.4 Heavy Equipment and Handling Equipment Decontamination

Equipment traversing the site and exiting the site will be subjected to a decontamination protocol. At a minimum the protocol will consist of an inspection of the truck fenders, tires and mud flaps for accumulated soil/fill, and removal of all accumulations using hand tools (brush, broom and scrapers). If deemed necessary by the Health and Safety Officer, this inspection will be performed over a thirty by fifteen foot area that has been filled with ¾ inch crushed recycled concrete aggregate to facilitate the removal of soil/fill accumulations from the tires, and to immobilize soil/fill removed from the truck body. Additionally, all trucks hauling waste will be required to be covered prior to exiting the site.

At the conclusion of the use of each piece of excavation equipment on the site, it will be decontaminated with an Alconox / water solution followed by a clean water rinse within the Contaminant Reduction Zone. The rinsate will be allowed to charge into the site ground.

11 Emergency Response / Contingency Plan

11.1 Pre-Emergency Planning

In order to properly prepare for emergencies, Material Safety Data Sheets (MSDS) will be maintained on-site for the type of contaminants to which workers may be exposed. Based upon the past experience, these contaminants typically consist of a mixture of organic compounds consistent with those found within diesel and/or heating oil. The MSDS for both products are presented on the following pages.

In the event a suspected or known hazardous substance or substance container is encountered during site activities, a contingency plan will be triggered (see Section 11.3).

11.1.1 Trichloroethylene Material Safety Data Sheet - MSDS

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1. GENERAL INFORMATION

Synonyms: Trichloroethene; TCE; acetylene trichloride; Ethinyl trichloride
CAS No.: 79-01-6
Molecular Weight: 131.39
Chemical Formula: C2HCl3

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2. COMPOSITION OF INGREDIENTS

Ingredient	CAS No	Percent
Trichloroethylene	79-01-6	100%

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3. HAZARDS IDENTIFICATION

Emergency Overview

WARNING! HARMFUL IF SWALLOWED OR INHALED. AFFECTS HEART, CENTRAL NERVOUS SYSTEM, LIVER AND KIDNEYS. CAUSES SEVERE SKIN IRRITATION. CAUSES IRRITATION TO EYES AND RESPIRATORY TRACT. SUSPECTED CANCER HAZARD. MAY CAUSE CANCER. Risk of cancer depends on level and duration of exposure.

SAF-T-DATA(tm) Ratings (Provided here for your convenience)

Health Rating: 2 - Moderate (Poison)
Flammability Rating: 1 - Slight
Reactivity Rating: 1 - Slight
Contact Rating: 3 - Severe
Lab Protective Equip: GOGGLES & SHIELD; LAB COAT & APRON; VENT HOOD; PROPER GLOVES
Storage Color Code: Blue (Health)

Potential Health Effects

Inhalation:
Vapors can irritate the respiratory tract. Causes depression of the central nervous system with

symptoms of visual disturbances and mental confusion, incoordination, headache, nausea, euphoria, and dizziness. Inhalation of high concentrations could cause unconsciousness, heart effects, liver effects, kidney effects, and death.

Ingestion:

Cases irritation to gastrointestinal tract. May also cause effects similar to inhalation. May cause coughing, abdominal pain, diarrhea, dizziness, pulmonary edema, unconsciousness. Kidney failure can result in severe cases. Estimated fatal dose is 3-5 ml/kg.

Skin Contact:

Cause irritation, redness and pain. Can cause blistering. Continued skin contact has a defatting action and can produce rough, dry, red skin resulting in secondary infection.

Eye Contact:

Vapors may cause severe irritation with redness and pain. Splashes may cause eye damage.

Chronic Exposure:

Chronic exposures may cause liver, kidney, central nervous system, and peripheral nervous system effects. Workers chronically exposed may exhibit central nervous system depression, intolerance to alcohol, and increased cardiac output. This material is linked to mutagenic effects in humans. This material is also a suspect carcinogen.

Aggravation of Pre-existing Conditions:

Persons with pre-existing skin disorders, cardiovascular disorders, impaired liver or kidney or respiratory function, or central or peripheral nervous system disorders may be more susceptible to the effects of the substance.

---

4. FIRST AIDE MEASURES

Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

Ingestion:

Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Call a physician.

Skin Contact:

Immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

Note to Physician:

Do not administer adrenaline or epinephrine to a victim of chlorinated solvent poisoning.

---

5. FIRE FIGHTING MEASURES

Fire:

Auto ignition temperature: 420C (788F)
Flammable limits in air % by volume:
lel: 8; uel: 12.5

Explosion:
A strong ignition source, e. g., a welding torch, can produce ignition. Sealed containers may rupture when heated.
Fire Extinguishing Media:
Use water spray to keep fire exposed containers cool. If substance does ignite, use CO2, dry chemical or foam.
Special Information:
In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. Combustion by-products include phosgene and hydrogen chloride gases. Structural firefighters' clothing provides only limited protection to the combustion products of this material.

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6. ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer! US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802.

---

7. HANDLING AND STORAGE

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Isolate from any source of heat or ignition. Isolate from incompatible substances. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

---

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Airborne Exposure Limits:
Trichloroethylene:
-OSHA Permissible Exposure Limit (PEL):
100 ppm (TWA), 200 ppm (Ceiling),
300 ppm/5min/2hr (Max)

-ACGIH Threshold Limit Value (TLV):
50 ppm (TWA) 100 ppm (STEL);
listed as A5, not suspected as a human carcinogen.
Ventilation System:
A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area.

Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

Personal Respirators (NIOSH Approved):

If the exposure limit is exceeded and engineering controls are not feasible, wear a supplied air, full-face piece respirator, air lined hood, or full-face piece self-contained breathing apparatus. Breathing air quality must meet the requirements of the OSHA respiratory protection standard (29CFR1910.134). This substance has poor warning properties. Where respirators are required, you must have a written program covering the basic requirements in the OSHA respirator standard. These include training, fit testing, medical approval, cleaning, maintenance, cartridge change schedules, etc. See 29CFR1910.134 for details.

Skin Protection:

Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Neoprene is a recommended material for personal protective equipment.

Eye Protection:

Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

---

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:

Clear, colorless liquid.

Odor:

Chloroform-like odor.

Solubility:

Practically insoluble in water. Readily miscible in organic solvents.

Specific Gravity:

1.47 @ 20C/4C

pH:

No information found.

% Volatiles by volume @ 21C (70F):

100

Boiling Point:

87C (189F)

Melting Point:

-73C (-99F)

Vapor Density (Air=1):

4.5

Vapor Pressure (mm Hg):

57.8 @ 20C (68F)

Evaporation Rate (BuAc=1):

No information found.

---

10. STABILITY AND REACTIVITY

Stability:

Stable under ordinary conditions of use and storage. Will slowly decompose to hydrochloric acid

when exposed to light and moisture.

Hazardous Decomposition Products:

May produce carbon monoxide, carbon dioxide, hydrogen chloride and phosgene when heated to decomposition.

Hazardous Polymerization:

Will not occur.

Incompatibilities:

Strong caustics and alkalis, strong oxidizers, chemically active metals, such as barium, lithium, sodium, magnesium, titanium and beryllium, liquid oxygen.

Conditions to Avoid:

Heat, flame, ignition sources, light, moisture, incompatibles

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11. TOXICOLOGICAL INFORMATION

Toxicological Data:

Trichloroethylene: Oral rat LD50: 5650 mg/kg; investigated as a tumorigen, mutagen, reproductive effector.

Reproductive Toxicity:

This material has been linked to mutagenic effects in humans.

NTP Ingredient	Carcinogen Known Anticipated	
Trichloroethylene (79-01-6)	No	Yes

IARC Category - 2A

---

12. ECOLOGICAL INFORMATION

Environmental Fate:

When released into the soil, this material may leach into groundwater. When released into the soil, this material is expected to quickly evaporate. When released to water, this material is expected to quickly evaporate. This material has an experimentally-determined bioconcentration factor (BCF) of less than 100. This material is not expected to significantly bioaccumulate. When released into the air, this material may be moderately degraded by reaction with photochemically produced hydroxyl radicals. When released into the air, this material is expected to have a half-life between 1 and 10 days.

Environmental Toxicity:

The LC50/96-hour values for fish are between 10 and 100 mg/l. This material is expected to be slightly toxic to aquatic life.

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13. DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved incinerator or disposed in a RCRA approved waste facility. Processing,

use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

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14. TRANSPORTATION INFORMATION

Domestic (Land, D.O.T.)

Proper Shipping Name: TRICHLOROETHYLENE
Hazard Class: 6.1
UN/NA: UN1710
Packing Group: III
Information reported for product/size: 4L

International (Water, I.M.O.)

Proper Shipping Name: TRICHLOROETHYLENE
Hazard Class: 6.1
UN/NA: UN1710
Packing Group: III
Information reported for product/size: 4L

---

15. OTHER INFORMATION

NFPA Ratings: Health: **2** Flammability: **1** Reactivity: **0**
Label Hazard Warning:
WARNING! HARMFUL IF SWALLOWED OR INHALED. AFFECTS HEART, CENTRAL NERVOUS SYSTEM, LIVER AND KIDNEYS. CAUSES SEVERE SKIN IRRITATION. CAUSES IRRITATION TO EYES AND RESPIRATORY TRACT. SUSPECT CANCER HAZARD. MAY CAUSE CANCER. Risk of cancer depends on level and duration of exposure.
Label Precautions:
Do not get in eyes, on skin, or on clothing.
Do not breathe vapor.
Keep container closed.
Use only with adequate ventilation.
Wash thoroughly after handling.
Keep away from heat and flame.
Label First Aid:
If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Wash clothing before reuse. In all cases call a physician. Note to physician: Do not administer adrenaline or epinephrine to a victim of chlorinated solvent poisoning.
Product Use:
Laboratory Reagent.

Revision Information:
MSDS Section(s) changed since last revision of document include: 3.

Disclaimer:

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11.1.2 *1,2-Dichloroethane Material Safety Data Sheet - MSDS*

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1. GENERAL INFORMATION

Synonyms: Ethylene dichloride; dichloroethylene; 1,2-Bichloroethane
CAS No.: 107-06-2
Molecular Weight: 98.96
Chemical Formula: ClCH2CH2Cl
Product Codes:
J.T. Baker: 9302, H076
Mallinckrodt: 4966, 5338

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2. COMPOSITION

Ingredient	CAS No	Percent
Ethylene Dichloride	107-06-2	90 - 100%

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3. HAZARDS IDENTIFICATION

Emergency Overview

WARNING! FLAMMABLE LIQUID AND VAPOR. HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. AFFECTS CENTRAL NERVOUS SYSTEM, LIVER, KIDNEYS, AND CARDIOVASCULAR SYSTEM. CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT. POSSIBLE CANCER HAZARD. MAY CAUSE CANCER BASED ON ANIMAL DATA. Risk of cancer depends on duration and level of exposure.

SAF-T-DATA(tm) Ratings (Provided here for your convenience)

Health Rating: 3 - Severe (Poison)
Flammability Rating: 3 - Severe (Flammable)
Reactivity Rating: 2 - Moderate
Contact Rating: 3 - Severe
Lab Protective Equip: GOGGLES & SHIELD; LAB COAT & APRON; VENT HOOD; PROPER GLOVES; CLASS B EXTINGUISHER
Storage Color Code: Red (Flammable)

Potential Health Effects

Inhalation:
Inhalation of vapors irritates the respiratory tract. May cause headache, weakness, cyanosis, nausea, vomiting, and diarrhea. These symptoms may be followed by central nervous system effects, liver damage, kidney damage, adrenal gland damage, cyanosis, weak and rapid pulse and unconsciousness. Death can occur from respiratory and circulatory failure.
Ingestion:
Causes irritation to the gastrointestinal tract. Symptoms may include nausea, vomiting and diarrhea. Toxic effects parallel those of inhalation. Doses of 0.5 - 1.0 g/kg can be fatal.
Skin Contact:
Causes irritation, rash and blister formation. Prolonged contact can cause skin burns. Can be absorbed through skin with toxic effects.
Eye Contact:
Vapors cause eye irritation. Splashes cause severe irritation, possible corneal burns and eye damage.
Chronic Exposure:
Repeated or prolonged exposure may cause weight loss, low blood pressure, jaundice, reduced urinary output, dermatitis, eye damage and anemia. Dichloroethane is a suspected human carcinogen based on animal data.
Aggravation of Pre-existing Conditions:
Persons with pre-existing skin disorders or eye problems, or impaired liver, kidney, cardiovascular, neurological or respiratory function may be more susceptible to the effects of the substance.

---

4. FIRST AIDE MEASURES

Inhalation:
Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.
Ingestion:
If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.
Skin Contact:
Wash skin with soap or mild detergent and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Call a physician.
Eye Contact:
Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

---

5. FIRE FIGHTING AND ACCIDENTAL RELEASE MEASURES

Fire:
Flash point: 13C (55F) CC
Autoignition temperature: 413C (775F)
Flammable limits in air % by volume:
lel: 6.2; uel: 15.9
Flammable.
Explosion:
Above flash point, vapor-air mixtures are explosive within flammable limits noted above. Sealed

containers may rupture when heated. Contact with strong oxidizers may cause fire. Vapors can flow along surfaces to distant ignition source and flash back. Sensitive to static discharge.

Fire Extinguishing Media:

Dry chemical, foam or carbon dioxide. Water spray may be used to keep fire exposed containers cool, dilute spills to nonflammable mixtures, protect personnel attempting to stop leak and disperse vapors.

Special Information:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. Combustion by-products include phosgene and hydrogen chloride gases.Ventilate area of leak or spill. Remove all sources of ignition. Wear appropriate personal protective equipment as specified in Section 8. Isolate hazard area. Keep unnecessary and unprotected personnel from entering. Contain and recover liquid when possible. Use non-sparking tools and equipment. Collect liquid in an appropriate container or absorb with an inert material (e. g., vermiculite, dry sand, earth), and place in a chemical waste container. Do not use combustible materials, such as saw dust. Do not flush to sewer! If a leak or spill has not ignited, use water spray to disperse the vapors, to protect personnel attempting to stop leak, and to flush spills away from exposures. US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802.

---

6. HANDLING AND STORAGE

Protect against physical damage. Store in a cool, dry well-ventilated location, away from any area where the fire hazard may be acute. Outside or detached storage is preferred. Separate from incompatibles. Containers should be bonded and grounded for transfers to avoid static sparks. Storage and use areas should be No Smoking areas. Use non-sparking type tools and equipment, including explosion proof ventilation. Wear special protective equipment (Sec. 8) for maintenance break-in or where exposures may exceed established exposure levels. Wash hands, face, forearms and neck when exiting restricted areas. Shower, dispose of outer clothing, change to clean garments at the end of the day. Avoid cross-contamination of street clothes. Wash hands before eating and do not eat, drink, or smoke in workplace. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

---

8. EXPOSURE CONTROLS/SPECIAL HANDLING

Airborne Exposure Limits:

- OSHA Permissible Exposure Limit (PEL):
50 ppm (TWA), 100 ppm (ceiling)
200 ppm (max)/5 min/3 hour

- ACGIH Threshold Limit Value (TLV):
10 ppm (TWA), A4 - not classifiable as a human carcinogen

- NIOSH IDLH:
50 ppm

Ventilation System:
A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.
Personal Respirators (NIOSH Approved):
If the exposure limit is exceeded, wear a supplied air, full-face piece respirator, airlined hood, or full-face piece self-contained breathing apparatus. This substance has poor warning properties.
Skin Protection:
Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact. Polyvinyl alcohol (PVA) and Viton are recommended materials for personal protective equipment.
Eye Protection:
Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

---

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:
Colorless heavy liquid.
Odor:
Chloroform-like odor.
Solubility:
0.81g/100g water @ 20C (68F).
Specific Gravity:
1.24 @ 20C
pH:
No information found.
% Volatiles by volume @ 21C (70F):
100
Boiling Point:
83.4C (181F)
Melting Point:
-35.4C (-31F)
Vapor Density (Air=1):
3.42
Vapor Pressure (mm Hg):
87 @ 25C (77F)
Evaporation Rate (BuAc=1):
No information found.

---

10. STABILITY AND REACTIVITY

Stability:
Stable under ordinary conditions of use and storage. Darkens on exposure to air or light.
Hazardous Decomposition Products:

Emits toxic fumes of phosgene, hydrogen chloride, acetylene, and vinyl chloride when heated to decomposition.

Hazardous Polymerization:

Will not occur.

Incompatibilities:

Aluminum or magnesium powder, oxidizing agents, reducing agents, organic peroxides, alkali and alkali earth metals, nitric acid, caustics, nitrogen tetraoxide, ammonia, and dimethylaminopropylamine.

Conditions to Avoid:

Heat, flame, sources of ignition, light and incompatibles.

---

11. TOXICOLOGICAL INFORMATION

Oral rat LD50: 500 mg/kg; inhalation rat LC50: 1000 ppm.7H; skin rabbit LD50: 2800 mg/kg; irritation eye rabbit, Standard Draize, 63 mg severe; skin rabbit, Open Draize, 625 mg mild; investigated as a tumorigen, mutagen, reproductive effector.

--------\Cancer Lists\----------

NTP Carcinogen

Ingredient	Known	Anticipated	IARC
Ethylene Dichloride (107-06-2)	No	Yes	2B

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12. ECOLOGICAL INFORMATION

Environmental Fate:

When released into the soil, this material is expected to quickly evaporate. When released into the soil, this material may leach into groundwater. When released to water, this material is expected to quickly evaporate. When released into the water, this material is expected to have a half-life between 1 and 10 days. This material has a log octanol-water partition coefficient of less than 3.0. This material is not expected to significantly bioaccumulate. When released into the air, this material may be moderately degraded by reaction with photochemically produced hydroxyl radicals. When released into the air, this material is expected to have a half-life of greater than 30 days. When released into the air, this material may be removed from the atmosphere to a moderate extent by wet deposition.

Environmental Toxicity:

This material is not expected to be toxic to aquatic life. The LC50/96-hour values for fish are over 100 mg/l. The EC50/48-hour values for daphnia are over 100 mg/l.

---

13. DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved incinerator or disposed in a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused

contents in accordance with federal, state and local requirements.

---

14. TRANSPORT INFORMATION

Domestic (Land, D.O.T.)

Proper Shipping Name: RQ, ETHYLENE DICHLORIDE
Hazard Class: 3, 6.1
UN/NA: UN1184 Packing Group: II
Information reported for product/size: 52L

International (Water, I.M.O.)

Proper Shipping Name: ETHYLENE DICHLORIDE
Hazard Class: 3, 6.1
UN/NA: UN1184 Packing Group: II
Information reported for product/size: 52L

International (Air, I.C.A.O.)

Proper Shipping Name: ETHYLENE DICHLORIDE
Hazard Class: 3, 6.1
UN/NA: UN1184 Packing Group: II
Information reported for product/size: 52L

---

15. OTHER INFORMATION

NFPA Ratings: Health: **2** Flammability: **3** Reactivity: **0**
Label Hazard Warning:
WARNING! FLAMMABLE LIQUID AND VAPOR. HARMFUL IF SWALLOWED, INHALED OR ABSORBED THROUGH SKIN. AFFECTS CENTRAL NERVOUS SYSTEM, LIVER, KIDNEYS, AND CARDIOVASCULAR SYSTEM. CAUSES IRRITATION TO SKIN, EYES AND RESPIRATORY TRACT. POSSIBLE CANCER HAZARD. MAY CAUSE CANCER BASED ON ANIMAL DATA. Risk of cancer depends on duration and level of exposure.
Label Precautions:
Wash thoroughly after handling.
Do not breathe vapor.
Keep container closed.
Use only with adequate ventilation.
Do not get in eyes, on skin, or on clothing.
Keep away from heat, sparks and flame.
Label First Aid:
In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. If swallowed, DO NOT INDUCE VOMITING. Give large quantities of water. Never give anything by mouth to an

unconscious person. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In all cases call a physician.

Product Use:

Laboratory Reagent.

Revision Information:

MSDS Section(s) changed since last revision of document include: 3, 11.

Disclaimer:

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11.1.3 Diesel Material Safety Data Sheet - MSDS

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1. GENERAL INFORMATION

DIESEL ENGINE OIL; HEATING OIL; FUEL OIL

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2. COMPOSITION/INFORMATION ON INGREDIENTS

CHEMICAL NAMES AND SYNONYMS: BASE OIL AND ADDITIVES
GLOBALLY REPORTABLE MSDS INGREDIENTS:

Substance Name	Approx. Wt%
CALCIUM ALKYLENE PHENATE SULFIDE CARBONATE (OVERBASED) (122384-87-6)	1-5
CALCIUM LONG-CHAIN ALKARYL SULFONATES (LOW OVERBASED) (156619-82-8)	1-5

---

3. HAZARDS IDENTIFICATION

Under normal conditions of use, this product is not considered hazardous according to regulatory guidelines (See section 15).
EMERGENCY OVERVIEW: Clear Dark Amber Liquid. DOT ERG No. : NA
POTENTIAL HEALTH EFFECTS: Under normal conditions of intended use, this product does not pose a risk to health. Excessive exposure may result in eye, skin or respiratory irritation. For further health effects/toxicological data, see Section 11.

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4. FIRST AID MEASURES

EYE CONTACT: Flush thoroughly with water. If irritation occurs, call a physician.
SKIN CONTACT: Wash contact areas with soap and water. Remove and clean oil soaked clothing daily and wash affected area. (See Section 16 - Injection Injury)
INHALATION: Not expected to be a problem. However, if respiratory irritation, dizziness, nausea, or unconsciousness occurs due to excessive vapor or mist exposure, seek immediate medical assistance. If breathing has stopped, assist ventilation with a
mechanical device or mouth-to-mouth resuscitation.
INGESTION: Not expected to be a problem. Seek medical attention if discomfort occurs. Do not induce vomiting.

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5. FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: Carbon dioxide, foam, dry chemical and water fog.

SPECIAL FIRE FIGHTING PROCEDURES: Water or foam may cause frothing. Use water to keep fire exposed containers cool. Water spray may be used to flush spills away from exposure. Prevent runoff from fire control or dilution from entering streams, sewers, or drinking water supply.
SPECIAL PROTECTIVE EQUIPMENT: For fires in enclosed areas, fire fighters must use self-contained breathing apparatus.
UNUSUAL FIRE AND EXPLOSION HAZARDS: None.
COMBUSTION PRODUCTS: Fumes, smoke, carbon monoxide, sulfur oxides, aldehydes and other decomposition products, in the case of incomplete combustion.
Flash Point C(F): 204(400) (ASTM D-92).
Flammable Limits (approx.% vol.in air) - LEL: 0.9%, UEL: 7.0%
NFPA HAZARD ID: Health: 0, Flammability: 1, Reactivity: 0

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6. ACCIDENTAL RELEASE MEASURES

NOTIFICATION PROCEDURES: Report spills/releases as required to appropriate authorities. U.S. Coast Guard and EPA regulations require immediate reporting of spills/releases that could reach any waterway including intermittent dry creeks. Report spill/release to Coast Guard National Response Center toll free number (800)424-8802. In case of accident or road spill notify CHEMTREC (800) 424-9300.
PROCEDURES IF MATERIAL IS RELEASED OR SPILLED:
LAND SPILL: Shut off source taking normal safety precautions. Take measures to minimize the effects on ground water. Recover by pumping or contain spilled material with sand or other suitable absorbent and remove mechanically into containers. If necessary, dispose of adsorbed residues as directed in Section 13.
WATER SPILL: Confine the spill immediately with booms. Warn other ships in the vicinity. Notify port and other relevant authorities.Remove from the surface by skimming or with suitable absorbents. If permitted by regulatory authorities the use of suitable dispersants should be considered where recommended in local oil spill procedures.
ENVIRONMENTAL PRECAUTIONS: Prevent material from entering sewers, water sources or low lying areas; advise the relevant authorities if it has, or if it contaminates soil/vegetation.
PERSONAL PRECAUTIONS: See Section 8

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7. HANDLING AND STORAGE

HANDLING: No special precautions are necessary beyond normal good hygiene practices. See Section 8 for additional personal protection advice when handling this product.
STORAGE: Keep containers closed when not in use. Do not store in open or unlabelled containers. Store away from strong oxidizing agents and combustible materials. Do not store near heat, sparks, flame or strong oxidants.
SPECIAL PRECAUTIONS: Prevent small spills and leakages to avoid slip hazard.
EMPTY CONTAINER WARNING: Empty containers retain residue (liquid and/or vapor) and can be dangerous. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER, DRILL, GRIND OR EXPOSE SUCH CONTAINERS TO HEAT, FLAME, SPARKS, STATIC ELECTRICITY, OR OTHER SOURCES OF IGNITION; THEY MAY EXPLODE AND CAUSE INJURY OR DEATH. Do not attempt to refill or clean container since residue is difficult to remove. Empty drums should be completely drained, properly bunged and promptly returned to a drum reconditioner. All containers should be disposed of in an environmentally safe manner and in accordance with governmental regulations.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

OCCUPATIONAL EXPOSURE LIMITS:

When mists/aerosols can occur, the following are recommended: 5 mg/m3 (as oil mist)- ACGIH Threshold Limit Value (TLV), 10 mg/m3 (as oil mist)
- ACGIH Short Term Exposure Limit (STEL), 5 mg/m3 (as oil mist) - OSHA
Permissible Exposure Limit (PEL)
VENTILATION: If mists are generated, use adequate ventilation, local exhaust or enclosures to control below exposure limits.
RESPIRATORY PROTECTION: If mists are generated, and/or when ventilation is not adequate, wear approved respirator.
EYE PROTECTION: If eye contact is likely, safety glasses with side shields or chemical type goggles should be worn.
SKIN PROTECTION: Not normally required. When splashing or liquid contact can occur frequently, wear oil resistant gloves and/or other protective clothing. Good personal hygiene practicesn should always be followed.

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9. PHYSICAL AND CHEMICAL PROPERTIES

Typical physical properties are given below. Consult Product Data Sheet for specific details.
APPEARANCE: Liquid
COLOR: Clear Dark Amber
ODOR: Mild
ODOR THRESHOLD-ppm: NE
pH: NA
BOILING POINT C(F): > 391(735)
MELTING POINT C(F): NA
FLASH POINT C(F): 204(400) (ASTM D-92)
FLAMMABILITY (solids): NE
AUTO FLAMMABILITY C(F): NA
EXPLOSIVE PROPERTIES: NA
OXIDIZING PROPERTIES: NA
VAPOR PRESSURE-mmHg 20 C: NE
VAPOR DENSITY: NE
EVAPORATION RATE: NE
RELATIVE DENSITY, 15/4 C: 0.89
SOLUBILITY IN WATER: Negligible
PARTITION COEFFICIENT: > 3.5
VISCOSITY AT 40 C, cSt: > 100.0
VISCOSITY AT 100 C, cSt: > 10.0
POUR POINT C(F): -12(10)
FREEZING POINT C(F): NE
VOLATILE ORGANIC COMPOUND: NE
DMSO EXTRACT, IP-346 (WT.%): <3, for mineral oil only
FOR FURTHER TECHNICAL INFORMATION, CONTACT YOUR MARKETING REPRESENTATIVE

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10. STABILITY AND REACTIVITY

STABILITY (THERMAL, LIGHT, ETC.): Stable.
CONDITIONS TO AVOID: Extreme heat and high energy sources of ignition.
INCOMPATIBILITY (MATERIALS TO AVOID): Strong oxidizers.
HAZARDOUS DECOMPOSITION PRODUCTS: Product does not decompose at ambient temperatures.
HAZARDOUS POLYMERIZATION: Will not occur.

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11. TOXICOLOGICAL DATA

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--ACUTE TOXICOLOGY---

ORAL TOXICITY (RATS): Practically non-toxic (LD50: greater than 2000 mg/kg). ---Based on testing of similar products and/or the components.
DERMAL TOXICITY (RABBITS): Practically non-toxic (LD50: greater than 2000 mg/kg). ---Based on testing of similar products and/or the components.
INHALATION TOXICITY (RATS): Practically non-toxic (LC50: greater than 5 mg/l). ---Based on testing of similar products and/or the components.
EYE IRRITATION (RABBITS): Practically non-irritating. (Draize score: greater than 6 but 15 or less). ---Based on testing of similar products and/or the components.
SKIN IRRITATION (RABBITS): Practically non-irritating. (Primary Irritation Index: greater than 0.5 but less than 3). ---Based on testing of similar products and/or the components.
OTHER ACUTE TOXICITY DATA: Although an acute inhalation study was not performed with this product, a variety of mineral and synthetic oils, such as those in this product, have been tested. These samples had virtually no effect other than a nonspecific inflammatory response in the lung to the aerosolized mineral oil. The presence of additives in other tested formulations (in approximately the same amounts as in the present formulation) did not alter the observed effects.
---SUBCHRONIC TOXICOLOGY (SUMMARY)---
No significant adverse effects were found in studies using repeated dermal applications of similar formulations to the skin of laboratory animals for 13 weeks at doses significantly higher than those expected during normal industrial exposure. The animals were evaluated extensively for effects of exposure (hematology, serum chemistry, urinalysis, organ weights, microscopic examination of tissues etc.).
---REPRODUCTIVE TOXICOLOGY (SUMMARY)---
No teratogenic effects would be expected from dermal exposure, based on laboratory developmental toxicity studies of major components in this formulation and/or materials of similar composition.
---CHRONIC TOXICOLOGY (SUMMARY)---
Repeated and/or prolonged exposure may cause irritation to the skin, eyes or respiratory tract. Overexposure to oil mist may result in oil droplet deposition and/or granuloma formation. For mineral base oils: Base oils in this product are severely solvent refined and/or severely hydrotreated. Chronic mouse skin painting studies of severely treated oils showed no evidence of carcinogenic effects. These results are confirmed on a continuing basis using various screening methods such as Modified Ames Test, IP-346, and/or other analytical methods. For synthetic base oils: The base oils in this product have been tested in the Ames assay and other tests of mutagenicity with negative results. These base oils are not expected to be carcinogenic with chronic dermal exposures.
---SENSITIZATION (SUMMARY)---
Not expected to be sensitizing based on tests of this product, components, or similar products.
---OTHER TOXICOLOGY DATA---
Used gasoline engine oils have shown evidence of skin carcinogenic activity in laboratory tests when no effort was made to wash the oil off between applications. Used oil from diesel engines did not produce this effect.

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12. ECOLOGICAL INFORMATION

ENVIRONMENTAL FATE AND EFFECTS: This product is expected to be inherently biodegradable. Bioaccumulation is unlikely due to the very low water solubility of this product, therefore bioavailability to aquatic organisms is minimal. Available

ectoxicity data (LL50 >1000 mg/L) indicates that adverse effects to aquatic organisms are not expected from this product. When released into the environment, adsorption to sediment and soil will be the predominant behavior.

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13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL: Product is suitable for burning in an enclosed, controlled burner for fuel value. Such burning may be limited pursuant to the Resource Conservation and Recovery Act. In addition, the product is suitable for processing by an approved recycling facility or can be disposed of at an appropriate government waste disposal facility. Use of these methods is subject to user compliance with applicable laws and regulations and consideration of product characteristics at time of disposal.
RCRA INFORMATION: The unused product, in our opinion, is not specifically listed by the EPA as a hazardous waste (40 CFR, Part 261D), nor is it formulated to contain materials which are listed hazardous wastes. It does not exhibit the hazardous characteristics of ignitability, corrosivity, or reactivity. The unused product is not formulated with substances covered by the Toxicity Characteristic Leaching Procedure (TCLP). However, used product may be regulated.

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14. TRANSPORT INFORMATION

USA DOT: NOT REGULATED BY USA DOT.
RID/ADR: NOT REGULATED BY RID/ADR.
IMO: NOT REGULATED BY IMO.
IATA: NOT REGULATED BY IATA.
STATIC ACCUMULATOR (50 picosiemens or less): YES

Disclaimer:

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11.1.4 Gasoline Material Safety Data Sheet - MSDS

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1. GENERAL INFORMATION

LEAD-FREE GASOLINE; NO-LEAD GASOLINE - GASOLINE,UNLEADED

Part Number/Trade Name: LEAD-FREE GASOLINE; NO-LEAD GASOLINE

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2. INGREDIENTS/IDENTITY INFORMATION

Proprietary: NO
Ingredient: HYDROCARBONS, AROMATIC
Ingredient Sequence Number: 01
Percent: 15-35
NIOSH (RTECS) Number: 1008732HA
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: SATURATED HYDROCARBONS
Ingredient Sequence Number: 02
Percent: 60-75
NIOSH (RTECS) Number: 1006886SH
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: UNSATURATED HYDROCARBONS
Ingredient Sequence Number: 03
Percent: 1-15
NIOSH (RTECS) Number: 1006887UH
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

Proprietary: NO
Ingredient: DYE AND OTHER ADDITIVES
Ingredient Sequence Number: 04
Percent: 0.02
NIOSH (RTECS) Number: 1003746AD
OSHA PEL: NOT ESTABLISHED

ACGIH TLV: NOT ESTABLISHED
Other Recommended Limit: NONE RECOMMENDED

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3. PHYSICAL AND CHEMICAL CHARACTERISTICS

Appearance And Odor: BLUE OR CLEAR, TYPICAL HYDROCARBON ODOR.
Boiling Point: 90.0F,32.2C
Vapor Pressure (MM Hg/70 F): 414 @100C
Vapor Density (Air=1): 3-4
Specific Gravity: 0.71-0.77
Solubility In Water: NEGLIGIBLE.

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4. FIRE AND EXPLOSION HAZARD DATA

Flash Point: -50F,-46C
Flash Point Method: TCC
Lower Explosive Limit: 1.3
Upper Explosive Limit: 6
Extinguishing Media: ANY UL APPROVED CLASS B MEDIA SUCH AS FOAM, CARBON DIOXIDE, DRY CHEMICAL.
Special Fire Fighting Proc: NONE SPECIFIED BY MFG; HOWEVER USE APPROPRIATE PROTECTIVE EQPMT INCLUDING SELF-CONTAINED BREATHING APPARATUS.
Unusual Fire And Expl Hazrds: NONE SPECIFIED BY MFG; HOWEVER MATL IS HEAVIER THAN AIR AND WILL TRAVEL LONG DISTANCES & FLASHBACK. EXPLOSIVE MIXTURE FORMS W/GASOLINE & AIR.

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5. REACTIVITY DATA

Stability: YES
Cond To Avoid (Stability): NONE SPECIFIED BY MFG; HOWEVER AVOID OPEN FLAMES/HEAT/SPARKS/OTHER IGNITION SOURCES.
Materials To Avoid: OXIDIZERS.
Hazardous Decomp Products: NONE SPECIFIED BY MFG.
Hazardous Poly Occur: NO
Conditions To Avoid (Poly): NOT RELEVANT.

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6. HEALTH HAZARD DATA

LD50-LC50 Mixture: UNKNOWN
Route Of Entry - Inhalation: YES
Route Of Entry - Skin: YES
Route Of Entry - Ingestion: YES
Health Haz Acute And Chronic: ACUTE:EYE:IRRIT @ HIGH VAP LEVELS OR DIRECT

CONTACT W/FLUID. SKIN:IRRIT ON PROLONG CONTACT W/LIQ, DERM RESULTING FROM DEFATTING NATURE OF LIQ. SYSTEMATIC:CNS EFFECTS (NARCOSIS) @ HIGH VAP LEVELS; MUC MEMBRANE IRRIT, PNEUMONIA. INGEST:GASTROINTESTINAL DISTRUBANCES. CHRONIC:PERIPERAL NERVOUS SY EFFECTS, BLOOD ALTERATIONS
Carcinogenicity - NTP: NO
Carcinogenicity - IARC: YES
Carcinogenicity - OSHA: NO
Explanation Carcinogenicity: PER MSDS:NONE STATED; HOWEVER CONTAINS GASOLINE WHICH IS CONSIDERED BY IARC TO BE POTENTIAL CARCINOGEN.
Signs/Symptoms Of Overexp: EYE & SKIN IRRITATION. DERMATITIS. NARCOSIS. GI DISTURBANCES:NAUSEA, DIARRHEA, STOMACH PAINS.
Med Cond Aggravated By Exp: NONE SPECIFIED BY MFG.
THOROUGHLY WASH AREA W/SOAP & WATER. INHAL:REMOVE FROM CONTAMINATED AREA. ADMINISTER ARTIFICIAL RESP IF NECESSARY. CALL PHYSICIAN. INGEST:GIVE A VEGETABLE OIL TO RETARD ABSORPTION. DO NOT INDUCE VOMITING. CALL PHYSICIAN. FATAL DOSE ADULT HUMAN APPROX 350G, CHILD APPROX 10-13G.

Precautions for Safe Handling and Use

Steps If Matl Released/Spill: KEEP PUBLIC AWAY. SHUT OFF SOURCE W/O RISK. ADVISE POLICE & NAT RESP CENTER 800-424-8802 IF SUBSTANCE HAS ENTERED A WATER COURSE OR SEWER. CONTAIN LIQ W/EARTH, SAND. RECOVER FREE LIQ BY PPUMPING OR W/SUITABLE ABSORBENT.
Neutralizing Agent: NONE SPECIFIED BY MFG.
Waste Disposal Method: UNDER MANY SPILL SITUATIONS LIQ CAN BE RECOVERED & RECLAIMED. WHERE SOLID ABSORBENTS ARE USED THEY SHOULD BE INCINERATED PER APPLICABLE STATE & LOCAL REGULATIONS.
Precautions-Handling/Storing: USE APPROPRIATE GROUNDING-DISPENSING PROCEDURES. STORE IN RELATIVELY COOL PLACE. DO NOT EXPOSE TO HEAT, OPEN FLAME OR OXIDANTS.
Other Precautions: NONE SPECIFIED BY MFG.

Control Measures

Respiratory Protection: FOR EXPOSURES IN EXCESS OF EXPOSURE LIMITS CHEMICAL CARTRIDGE RESPIRATOR OR AIR SUPPLIED EQUIPMENT.
Ventilation: LOCAL EXHAUST REQUIRED & EXPLOSION PROOF EQUIPMENT.
Protective Gloves: IMPERMEABLE GLOVES.
Eye Protection: NONE SPECIFIED HOWEVER SAF GLASSES/GOGG
Other Protective Equipment: NONE SPEICFIED BY MFG.
Work Hygienic Practices: WASH HANDS AFTER HANDLING & PRIOR TO EAT/DRINK/ SMOKE/USE OF TOILET FACILITIES. FOLLOW GOOD WORK HYGIENE PRACTICES.

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7. TRANSPORTATION DATA

DOT PSN Code: GTN
DOT Proper Shipping Name: GASOLINE
DOT Class: 3
DOT ID Number: UN1203

DOT Pack Group: II
DOT Label: FLAMMABLE LIQUID
IMO PSN Code: HRV
IMO Proper Shipping Name: GASOLINE
IMO Regulations Page Number: 3141
IMO UN Number: 1203
IMO UN Class: 3.1
IMO Subsidiary Risk Label: -
IATA PSN Code: MUC
IATA UN ID Number: 1203
IATA Proper Shipping Name: GASOLINE
IATA UN Class: 3
IATA Label: FLAMMABLE LIQUID
AFI PSN Code: MUC

Label Required: YES
Technical Review Date: 21OCT94
Label Status: F
Common Name: LEAD-FREE GASOLINE; NO-LEAD GASOLINE
Signal Word: DANGER!
Acute Health Hazard-Moderate: X
Contact Hazard-Moderate: X
Fire Hazard-Severe: X
Reactivity Hazard-None: X
Special Hazard Precautions: ACUTE:EYE:IRRIT @ HIGH VAP LEVELS OR DIRECT CONTACT W/FLUID. SKIN:IRRIT ON PROLONG CONTACT W/LIQ, DERM RESULTING FROM DEFATTING NATURE OF LIQ. SYSTEMATIC:CNS EFFECTS (NARCOSIS) @ HIGH VAP LEVELS; MUC MEMBRANE IRRIT, PNEUMONIA. INGEST:GASTROINTESTINAL DISTRUBANCES. CHRONIC:PERIPERAL NERVOUS SYS EFFECTS, BLOOD ALTERATIONS. 1STAID:EYE:FLUSH FOR @ LEAST 15MINS W/WATER. SKIN:THOROUGHLY WASH AREA W/ SOAP & WATER. INHAL:REMOVE FROM CONTAMINATED AREA. ADMINISTER ARTIFICIAL RESP IF NECESSARY. CALL PHYSICIAN. INGEST:GIVE A VEGETABLE OIL TO RETARD ABSORPTION. DO NOT INDUCE VOMITING. CALL PHYSICIAN. FATAL DOSE ADULT HUMAN APPROX 350G, CHILD APPROX 10-13G.
Protect Eye: Y
Protect Skin: Y
Protect Respiratory: Y
Label Name: BELL FUELS, INC
Label Street: 4116 WEST PATERSON AVE
Label City: CHICAGO
Label State: IL
Label Zip Code: 60646
Label Country: US
Label Emergency Number: 312-286-0200

Disclaimer:

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11.1.5 Lead Material Safety Data Sheet - MSDS

SECTION 1. GENERAL INFORMATION

FREE ELMENTAL LEAD; LEAD SALTS

SECTION 2. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Ingredient	Approximate Percent by Weight	C.A.S. Number	Occupational Exposure Limits (OELs)		LD_{50}/LC_{50} Species and Route
Lead	99+%	7439-92-1	OSHA PEL	0.05mg/m^3	No Data
			ACGIH TLV	0.05mg/m^3	
			NIOSH REL	<0.10mg/m^3	

NOTE: OELs for individual jurisdictions may differ from OSHA PELs. Check with local authorities for the applicable OELs in your jurisdiction. OSHA - Occupational Safety and Health Administration; ACGIH - American Conference of Governmental Industrial Hygienists; NIOSH - National Institute for Occupational Safety and Health. OEL – Occupational Exposure Limit, PEL – Permissible Exposure Limit, TLV – Threshold Limit Value, REL – Recommended Exposure Limit.

Trade Names and Synonyms: Lead; Pb; Plumbum; Metallic Lead; Inorganic Lead; ASTM B29; TADANAC Lead, Low-Alpha Lead.

SECTION 3. HAZARDS IDENTIFICATION

Emergency Overview: A bluish-white to silvery-grey heavy, soft metal that does not burn in bulk. Finely-divided lead dust clouds are a moderate fire hazard and moderate explosion hazard, however. When heated in air highly toxic lead oxide fumes can be generated. Inhalation or ingestion of lead may produce both acute and chronic health effects. Possible cancer and reproductive hazard. SCBA and full protective clothing required for fire emergency response personnel.

Potential Health Effects: Inhalation or ingestion of lead dust or fumes may result in headache, nausea, vomiting, abdominal spasms, fatigue, sleep disturbances, weight loss, anemia and leg, arm, and joint pain. Prolonged exposure may also cause central nervous system damage (e.g., fatigue, headaches, tremors, hypertension), gastrointestinal disturbances, anemia, kidney dysfunction and possible reproductive effects. Pregnant women should be protected from excessive exposure to prevent lead crossing the placental barrier and causing infant neurological disorders. Lead is classified as an A3 Carcinogen by the ACGIH and as a 2B Carcinogen by IARC. (see Toxicological Information, Section 11)

Potential Environmental Effects: Lead metal has low bioavailability but its compounds can be hazardous in the environment at low concentrations. They can be particularly toxic in the aquatic environment. Lead bioaccumulates in plants and animals in both the aquatic and terrestrial environments. (see Ecological Information, Section 12)

EU Risk Phrase(s): R61 - May cause harm to unborn child; R62 - Possible risk of impaired fertility; R20/22 - Harmful by inhalation and if swallowed; R33 - Danger of cumulative effects.

SECTION 4. FIRST AID MEASURES

Eye Contact: Flush with warm, running water, including under the eyelids, to remove dust particle(s). If irritation persists seek medical attention.

Skin Contact: *Dust:* Remove contaminated clothing and wash affected area with soap and warm water. Launder contaminated clothing before reuse. Seek medical attention if irritation develops or persists. *Molten Metal:* Flush contact area to solidify and cool but do not attempt to remove encrusted material or clothing. Cover burns and seek medical attention immediately.

Inhalation: Remove victim from exposure area to fresh air immediately. If breathing has stopped, give artificial respiration. Keep affected person warm and at rest. Medical oxygen may be administered, if available, where breathing is difficult. Seek immediate medical attention.

Ingestion: If victim is conscious and can swallow, dilute stomach contents with 2-4 cupfuls of water or milk. Do not induce vomiting. Seek medical attention and bring a copy of this MSDS. Never give anything by mouth to an unconscious person.

SECTION 5. FIRE FIGHTING MEASURES

Fire and Explosion Hazards: Massive metal is not flammable or combustible. Finely-divided lead dust or powder is a moderate fire hazard and moderate explosion hazard when dispersed in the air at high concentrations and exposed to heat, flame, or incandescents. Explosions may also occur upon contact with certain incompatible materials (see Stability and Reactivity, Section 10).

Extinguishing Media: Use any means of extinction appropriate for surrounding fire conditions such as water spray, carbon dioxide, dry chemical, or foam.

Fire Fighting: If possible, move material from fire area and cool material exposed to flame. Highly toxic lead oxide fumes may evolve in fires. Fire fighters must be fully trained and wear full protective clothing including an approved, self-contained breathing apparatus which supplies a positive air pressure within a full face-piece mask.

Flashpoint and Method: Not Applicable.

Upper and Lower Flammable Limit: Not Applicable.

Autoignition Temperature: Not Applicable.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Procedures for Cleanup: Control source of spillage if possible to do so safely. Restrict access to the area until completion of clean-up. Clean up spilled material immediately, observing precautions in Section 8, Personal Protection. Molten metal should be allowed to solidify before cleanup. If solid metal, wear gloves, pick up and return to process. If dust, wear recommended personal protective equipment (see Section 8) and use methods which will minimize dust generation (e.g., vacuum solids). Return uncontaminated spilled material to the process if possible. Place contaminated material in suitable labeled containers for recovery or disposal. Treat or dispose of waste material in accordance with all local, regional, and national requirements.

Personal Precautions: Persons responding to an accidental release should wear protective clothing, gloves and a respirator (see also Section 8). Close-fitting safety goggles may be necessary in some circumstances to prevent eye contact with dust and fume. Where molten metal is involved, wear heat-resistant gloves and suitable clothing for protection from hot-metal splash as well as a respirator to protect against inhalation of lead fume. Workers should wash and change clothing following cleanup of a lead spill to prevent personal contamination with lead dust.

Environmental Precautions: Lead metal has limited bioavailability but its compounds can pose a severe threat to the aquatic and terrestrial environments. Contamination of water and soil should be prevented.

SECTION 7. HANDLING AND STORAGE

Store in a dry, covered area away from incompatible materials, strong acids and food or feedstuffs. Solid metal suspected of containing moisture should be THOROUGHLY DRIED before being added to a molten bath. Otherwise, entrained moisture

could expand explosively and spatter molten metal out of the bath. Always practice good personal hygiene. Refrain from eating, drinking, or smoking in work areas. Thoroughly wash hands before eating, drinking, or smoking in appropriate, designated areas as well as at the end of the workday. No special packaging materials are required.

EU Safety Phrase(s): S53 - Avoid exposure - obtain special instructions before use; S45 – In case of accident, or if you feel unwell, seek medical advice immediately (show label where possible).

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Protective Clothing: Gloves and coveralls or other work clothing are recommended to prevent prolonged or repeated direct skin contact when lead is processed. Appropriate eye protection should be worn where fume or dust is generated. Where hot or molten metal is handled, heat resistant gloves, goggles or face shield, and clothing to protect from hot metal splash should be worn. Safety type boots are recommended.

Do not eat, drink or smoke in work areas. Thoroughly wash hands before eating, drinking, or smoking in appropriate, designated areas as well as at the end of the workday. A double locker-shower system with separate clean and dirty sides is usually required for lead handling operations. Remove contaminated clothing promptly and discard or launder before reuse. Inform laundry personnel of contaminants' hazards.

Ventilation: Use adequate local or general ventilation to maintain the concentration of lead fumes in the working environment well below recommended occupational exposure limits. Supply sufficient replacement air to make up for air removed by the exhaust system. Local exhaust is recommended for melting, casting, grinding, burning, and use of powders.

Respirators: Where lead dust or fumes are generated and cannot be controlled to within acceptable levels by engineering means, use appropriate NIOSH-approved respiratory protection equipment (a 42CFR84 Class N, R or P-100 particulate filter cartridge). When exposure levels are unknown, a self-contained breathing apparatus which supplies a positive air pressure within a full face-piece mask should be worn.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Malleable, bluish-white or silvery-grey metal	**Odour:** None	**Physical State:** Solid	**pH:** Not Applicable
Vapour Pressure: 1.3 mm Hg at 970°C (negligible @ 20°C)	**Vapour Density:** Not Applicable	**Boiling Point/Range:** 1,740°C	**Freezing/Melting Point/Range:** 328°C
Specific Gravity: 11.34	**Evaporation Rate:** Not Applicable	**Coefficient of Water/Oil Distribution:** Not Applicable	**Odour Threshold:** None
Solubility: Insoluble in water			

SECTION 10. STABILITY AND REACTIVITY

Stability & Reactivity: Massive metal is stable under normal temperatures and pressures. Fresh cut or cast lead surfaces tarnish rapidly due to the formation of an insoluble protective layer of basic lead carbonate.

Incompatibilities: Lead reacts vigorously with strong oxidizers, such as hydrogen peroxide and chlorine trifluoride, and active metals, such as sodium and potassium. Powdered lead metal in contact with disodium acetylide, chlorine trifluoride, sodium carbide or fused ammonium nitrate poses a risk of explosion. Solutions of sodium azide in contact with lead metal can form lead azide, which is a detonating compound. A lead-zirconium alloy (10-70% Zr) will ignite when struck with a hammer.

Hazardous Decomposition Products: High temperature operations such as oxy-acetylene cutting, electric arc welding or overheating a molten bath will generate highly toxic lead oxide fume. Lead oxide is highly soluble in body fluids and the particle size of the metal fumes is largely within the respirable size range, which increases the likelihood of inhalation and deposition of the fume within the body.

SECTION 11. TOXICOLOGICAL INFORMATION

General: Lead accumulates in bone and body organs once it enters the body. Elimination from the body is slow. Initial and periodic medical examinations are advised for persons repeatedly exposed to levels above the exposure limits of lead dust or

fumes. Once lead enters the body, it can affect a variety of organ systems, including the nervous system, kidneys, reproductive system, blood formation, and gastrointestinal system. The primary routes of exposure to lead are inhalation or ingestion of dust and fumes.

Acute:
Skin/Eye: Contact with dust or fume may cause local irritation but would not cause tissue damage.

Inhalation: Exposure to lead dust or fume may cause headache, nausea, vomiting, abdominal spasms, fatigue, sleep disturbances, weight loss, anemia, and pain in legs, arms, and joints. An acute, short-term dose of lead could cause acute encephalopathy with seizures, coma, and death. However, short-term exposure of this magnitude is rare. Kidney damage, as well as anemia, can occur from acute exposure.

Ingestion: Symptoms due to ingestion of lead dust or fume would be similar to those from inhalation. Other health effects such as metallic taste in the mouth and constipation or bloody diarrhea might also be expected to occur.

Chronic:
Prolonged exposure to lead dust and fume may produce many of the symptoms of short-term exposure and may also cause central nervous system damage, gastrointestinal disturbances, anemia, and, rarely, wrist drop. Reduced hemoglobin production has been associated with low lead exposures. Symptoms of central nervous system damage due to moderate lead exposure include fatigue, headaches, tremors and hypertension. Very high lead exposure can result in lead encephalopathy with symptoms of hallucinations, convulsions, and delirium. Kidney dysfunction and possible injury has also been associated with chronic lead poisoning. Chronic over-exposure to lead has been implicated as a causative agency for the impairment of male and female reproductive capacity. Pregnant women should be protected from excessive exposure as lead can cross the placental barrier and unborn children may suffer neurological damage or developmental problems due to excessive lead exposure in pregnant women. Teratogenic and mutagenic effects from exposure to lead have been reported in some studies but not in others. The literature is inconsistent and no firm conclusions can be drawn at this time. Lead and lead compounds are listed as an A3 Carcinogen (Confirmed Animal Carcinogen with Unknown Relevance to Humans) by the ACGIH and as a Group 2B Carcinogen (possibly carcinogenic to humans) by IARC. The NTP, OSHA and the EU do not currently list lead as a human carcinogen.

SECTION 12. ECOLOGICAL INFORMATION

While lead metal is insoluble, its processing or extended exposure in the aquatic and terrestrial environments may lead to the release of lead in bioavailable forms. Lead compounds are not particularly mobile in the aquatic environment but can be toxic to organisms, especially fish, at low concentrations. Water hardness, pH and dissolved organic carbon content are factors which regulate the degree of toxicity. In soil, lead is generally not very mobile or bioavailable as it can become strongly sorbed on soil particles, increasingly so over time, to a degree dependent on soil properties. Lead bioaccumulates in plants and animals in both the terrestrial and aquatic environments.

SECTION 13. DISPOSAL CONSIDERATIONS

If material cannot be returned to process or salvage, dispose of in accordance with applicable regulations.

SECTION 14. TRANSPORT INFORMATION

PROPER SHIPPING NAME .....Not a regulated product in ingot form.
TRANSPORT CANADA AND U.S. DOT CLASSIFICATION .....Not Applicable
TRANSPORT CANADA AND U.S. DOT PIN .....Not Applicable
MARINE POLLUTANT .....No
IMO CLASSIFICATION .....Not Regulated

SECTION 15. REGULATORY INFORMATION

U.S.
Ingredient Listed on TSCA Inventory.....Yes

Hazardous Under Hazard Communication Standard.....Yes

CERCLA Section 103 Hazardous Substances .....Lead RQ: 10 lbs. (4.54 kg.)*
*reporting not required when diameter of the pieces of solid metal released is equal to or exceeds 100 micrometers (0.004 inches).

EPCRA Section 302 Extremely Hazardous Substance.....No

Disclaimer:

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11.1.6 PCB Aroclor 1260 Material Safety Data Sheet - MSDS

I. GENERAL INFORMATION

Part Number/Trade Name	KIT PCB-B-21 AROCLOR 1260 (1NG/UL), 44804
National Stock Number	6810P44803
CAGE Code	54968
Part Number Indicator	F
MSDS Number	179546
HAZ Code	B

---

2. PHYSICAL AND CHEMICAL CHARACTERISICS

Hazard Storage Compatibility Code	NK
Appearance/Odor	CLEAR COLORLESS LIQUID
Boiling Point	210F,99C
Melting Point	-177F,-116C
Vapor Pressure	41
Vapor Density	3.9
Specific Gravity	0.69
Decomposition Temperature	N/K
Evaporation Rate	>1 (ETHER=1)
Solubility in Water	NOT APPLICABLE
Percent Volatiles by Volume	1
Chemical pH	N/K
Corrosion Rate	N/K
Container Pressure Code	4
Temperature Code	8
Product State Code	U

---

3. FIRE AND EXPLOSION HAZARD INFORMATION

Flash Point	10
Flash Point Method	UNK
Lower Explosion Limit	1.1%
Upper Explosion Limit	6%
Extinguishing Media	CO*2, FOAM, DRY CHEMICAL
Special Fire Fighting Procedures	USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N)

Unusual Fire/Explosion Hazards CAN REACT VIGOROUSLY W/REDUCING MATERIALS

----
4. REACTIVITY DATA

Stability	YES
Stability Conditions to Avoid	NOT APPLICABLE
Materials to Avoid	REDUCING AGENTS
Hazardous Decomposition Products	NOT APPLICABLE
Hazardous Polymerization	NO
Polymerization Conditions to Avoid	NOT RELEVANT
LD50 - LD50 Mixture	SEE INGREDIENT 1

---
5. HEALTH HAZARD DATA

Route of Entry: Skin	NO
Route of Entry: Ingestion	NO
Route of Entry: Inhalation	YES
Health Hazards - Acute and Chronic	CONTAINS LOW CONCENTRATION(S) OF MATERIAL(S) KNOWN TO STATE OF CALIFORNIA TO CAUSE CANCER. SUCH CONCENTRATION(S) IS/ARE SUBSTANTIALLY BELOW OSHA-HCS THRESHOLDS WHICH WOULD REQUIRE LISTING HEREIN AS A COMPONENT OF THIS MIXTURE
Carcinogenity: NTP	NO
Carcinogenity: IARC	NO
Carcinogenity: OSHA	NO
Explanation of Carcinogenity	NOT RELEVANT
Symptoms of Overexposure	NONE SPECIFIED BY MANUFACTURER
Medical Cond. Aggrevated by Exposure	NONE SPECIFIED BY MANUFACTURER
Emergency/First Aid Procedures	EYES:FLUSH W/WATER FOR AT LEAST 15 MINUTES. SKIN:FLUSH W/LARGE VOLUMES OF WATER. INHAL:IMMEDIATELY MOVE TO FRESH AIR. GIVE OXYGEN IF BREATHING IS LABORED. IF BREATHING STOPS, GIVE ARTIFICIAL RESPIRATION. INGEST:NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. NEVER TRY TO MAKE AN UNCONSCIOUS PERSON VOMIT. DO NOT INDUCE VOMITING

----
5. HANDLING AND STORAGE

Steps if Material Released/Spilled	TAKE UP W/ABSORBENT MATERIAL. VENTILATE AREA
Neutralizing Agent	NONE SPECIFIED BY MANUFACTURER
Waste Disposal Method	COMPLY WITH ALL APPLICABLE FEDERAL, STATE OR LOCAL REGULATIONS
Handling and Storage Precautions	RE IN SEALED CNTNR IN COOL, DRY LOCATION. KEEP AWAY FROM HEAT. STORE IN DRY, WELL VENTILATED AREA. KEEP AWAY FROM IGNIT SOURCES. AVOID

	BRTHG VAPS. AV
Other Precautions	AVOID EYE/SKIN CONT. THIS MATL IS INTENDED FOR R&D USE ONLY & MAY NOT BE USED FOR DRUG, HOUSEHOLD/OTHER PURPOSES. IT SHOULD BE HANDLED ONLY BY QUALIFIED PERSONS TRAINED IN LAB PROCS & GOOD SAFETY PRACTICES
Labeling	FLAMMABLE] KEEP AWAY FROM HEAT. STORE IN DRY, WELL VENTILATED AREA. KEEP AWAY FROM IGNITION SOURCES. AVOID BREATHING VAPORS. AVOID EYE OR SKIN CONTACT. ACUTE/CHRONIC:CONTAINS LOW CONCENTRATIONS OF MATERIAL(S) KNOWN TO STATE OF CALIFORNIA TO CAUSE CANCER. SUCH CONCENTRATION(S) IS/ARE SUBSTANTIALLY BELOW OSHA-HCS THRESHOLDS WHICH WOULD REQUIRE LISTING

----
6. PERSONAL PROTECTION CONSIDERATIONS

Respiratory Protection	WEAR NIOSH/MSHA APPROVED FACE MASK W/ORGANIC VAPOR CANISTER
Ventilation	USE ONLY IN WELL VENTILATED AREA
Protective Gloves	IMPERVIOUS GLOVES (FP N)
Eye Protection	ANSI APPRVD CHEM SAFETY GOGGLES (FP N)
Other Protective Equipment	NOT APPLICABLE
Work Hygenic Practices	NONE SPECIFIED BY MANUFACTURER
Supplemental Health/Safety Data	NONE SPECIFIED BY MANUFACTURER
Disposal Code	O

----
7. EXPOSURE INFORMATION

Ingredient #	01
Ingredient Name	POLYCHLORINATED BIPHENYL (AROCLOR 1260); (AROCLOR 1260). LD50:(ORAL,RAT) 1315 MG/KG. %: 0.0001 MG/M3
CAS Number	11096825
NIOSH Number	TQ1362000
Proprietary	NO
Percent	SEE ING
OSHA PEL	0.5 MG/M3 (MFR)
ACGIH TLV	0.5 MG/M3 (MFR)
Recommended Limit	N/K
Ingredient #	02
Ingredient Name	PENTANE, 2,2,4-TRIMETHYL-; (PENTANE, 2,2,4-TRIMETHYLISO-OCTANE) (C*8HL*8)
CAS Number	540841
NIOSH Number	SA3320000
Proprietary	NO

Percent	100
OSHA PEL	N/K (FP N)
ACGIH TLV	N/K (FP N)
Recommended Limit	N/K

Disclaimer:

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11.1.7 Arsenic Material Safety Data Sheet - MSDS

I. GENERAL INFORMATION

Trade Name: Arsenic **Formula**: As
Chemical Family: Metallic element **CAS #**: 7440-38-2

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2. HAZARDOUS INGREDIENTS

Hazardous Components % OSHA/PEL ACGIH/TLV Sec. 313
Arsenic 0-100 10 ug/m^3 0.01 mg/m^3 Yes

---
3. PHYSICAL DATA

Boiling Point: 613 °C (Sublimes) **Melting Point**: 817 °C
Vapor Density (Air=1): N/A **Vapor Pressure**: 1mm @ 372 °C
Solubility in H_2O: Insoluble **% Volatiles**: 0
Appearance and Odor: Steel-grey brittle solid, no odor. **Specific gravity (H_2O=1)**: 5.72gm/cc

---
4. FIRE AND EXPLOSION HAZARD DATA

Flash Point: N/A **Autoignition Temp**: N/A
Flammability: **Lower**: N/A **Upper**: N/A

Extinguishing Media: Do not use water. Use carbon dioxide, dry chemical extinguishing agents, dry sand, dry ground dolomite.
Special Firefighting Procedures: Use NIOSH/MSHA approved self-contained breathing apparatus and full protective clothing if involved in fire.

Unusual Fire and Explosion Hazard: Slight explosion hazard in the form of a dust when exposed to flame. Moderate fire hazard in the form of dust when exposed to heat or flame or by chemical reaction.

---
5. HEALTH HAZARD INFORMATION

Effects of Exposure:

Acute arsenic poisoning (from ingestion) results in marked irritation of the stomach and intestines with nausea, vomiting and diarrhea. In severe cases the vomitus and stools are bloody and the patient goes into collapse and shock with weak, rapid pulse, cold sweats, coma and death. Chronic arsenic poisoning, whether through ingestion or inhalation, may manifest itself in many different ways. There may be disturbances of the digestive system such as loss of appetite, cramps, nausea, constipation or diarrhea.

Liver damage may occur, resulting in jaundice. Disturbances of the blood, kidneys and nervous system are not infrequent. Arsenic can cause a variety of skin abnormalities including itching, pigmentation and even cancerous changes. A characteristic of arsenic poisoning is the great variety of symptoms that can be produced. A recognized carcinogen of the skin, lungs, liver. An experimental carcinogen of the mouth, esophagus, larynx, bladder and para nasal sinus. (Sax, Dangerous Properties of Industrial Materials)

Acute Effects:

Inhalation: Causes irritation of mucous membranes and respiratory tract, metallic taste, pharyngitis, bloody nose, perforation of the nasal septum.
Ingestion: May cause vomiting, diarrhea and nausea.
Skin: Causes moderate irritation, skin sensitization.
Eye: Causes moderate irritation.

Chronic Effects:

Inhalation: May cause cancer (skin and lung).
Ingestion: May cause cancer (skin and lung).
Skin: Can cause eczematous dermatitis, pigmentation, hyperkeratosis.
Eye: None known

Other Health Hazards: There is evidence that arsenic may cross the placental barrier. Arsenic is a neurotoxin. Poisoning may affect the heart, GI system, kidneys and liver.

Routes of Entry: Inhalation, ingestion.
Medical Conditions Generally Aggravated by Exposure: No data
Carcinogenicity: **NTP**: Yes **IARC**: Yes **OSHA**: Yes

EMERGENCY AND FIRST AID PROCEDURES:

INHALATION: No specific information available, one should obtain medical attention.
INGESTION: No data available but one should obtain medical attention.
SKIN: Remove contaminated clothing, flood skin with large amounts of water. If irritation persists seek medical attention.
EYE: Immediately flush eyes, including under eyelids, with large amounts of water for at least 15 minutes. Call a physician.

---

6. REACTIVITY DATA

Stability: Stable

Conditions to Avoid: Incompatibles, exposure to air.
Incompatibility (Materials to Avoid): Acids, acid fumes, oxidizing agents, halogens, heat, palladium, zinc, platinum, nitrogen trichloride, silver nitrate, acetylenes, chlorosylamine, chromium (VI) oxide, sodium peroxide, dirubidium acetylide.

Hazardous Decomposition Products: At temperatures above the melting point, metal oxide fumes may be evolved. Under reducing conditions (i.e. any strong acid or base plus an active metal) or in the presence of nascent hydrogen, highly toxic arsine gas may be
evolved.
Hazardous Polymerization: Will not occur.

---

7. SPILL OR LEAK PROCEDURES

Steps to Be Taken in Case Material Is Released or Spilled: Any method which keeps dust to a minimum is acceptable. Vacuuming is preferred for dust. Use approved respiratory protection if possibility of dust/fume exposure exists. Do not use compressed air for cleaning.

Waste Disposal Method: Dispose of in accordance with all State, Federal and Local regulations.

---

8. SPECIAL PROTECTION INFORMATION

Respiratory Protection: Where airborne exposures may exceed OSHA/ACGIH permissible air concentrations, the minimum respiratory protection recommended is a negative pressure air purifying respirator with cartridges that are NIOSH/MSHA approved against dust, fumes and mists having a TWA less than 0.05 mg/m^3.

Ventilation: Glove bag or box preferred.

Protective Gloves: Rubber
Eye/Face Protection: ANSI approved safety goggles with a full face shield.

Other Protective Equipment: Full protective clothing, lab coat and apron, flame and chemical resistant coveralls, is recommended for exposures that exceed permissible air concentrations. All contaminated clothing should be removed before leaving plant premises.

---

9. SPECIAL PRECAUTIONS

Precautions to Be Taken in Handling and Storage: Use of approved respirators is required for applications where adequate ventilation cannot be provided. Activities which generate dust or fume should be avoided. When melted, the temperature should be kept as low as possible. Keep container tightly closed. Store in a cool, dry, well-ventilated area. Wash thoroughly after use.

Work Practices: Avoid inhalation or ingestion. Practice good housekeeping and personal hygiene procedures. No tobacco or food in the work area. Wash thoroughly before eating or smoking. Shower and change clothes at end of work shift. Do not wear contaminated clothing home. Do not blow dust off clothing with compressed air. Maintain eyewash capable of sustained flushing, safety drench shower and hygienic facilities for washing.

Danger: Poison, causes skin and lung cancer.

The above information is believed to be correct, but does not purport to be all inclusive and shall be used only as a guide. ESPI shall not be held liable for any damage resulting from handling or from contact with the above product.

11.1.8 Mercury Material Safety Data Sheet – MSDS

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1. GENERAL INFORMATION

Synonyms: Quicksilver; hydrargyrum; Liquid Silver
CAS No.: 7439-97-6
Molecular Weight: 200.59
Chemical Formula: Hg

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2. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No	Percent	Hazardous
Mercury	7439-97-6	90 - 100%	Yes

---
3. HAZARDS IDENTIFICATION

Emergency Overview

DANGER! CORROSIVE. CAUSES BURNS TO SKIN, EYES, AND RESPIRATORY TRACT. MAY BE FATAL IF SWALLOWED OR INHALED. HARMFUL IF ABSORBED THROUGH SKIN. AFFECTS THE KIDNEYS AND CENTRAL NERVOUS SYSTEM. MAY CAUSE ALLERGIC SKIN REACTION.

Health Rating: 4 - Extreme (Poison)
Flammability Rating: 0 - None
Reactivity Rating: 1 - Slight
Contact Rating: 3 - Severe (Life)
Lab Protective Equip: GOGGLES; LAB COAT; PROPER GLOVES
Storage Color Code: Blue (Health)

Potential Health Effects

Inhalation:
Mercury vapor is highly toxic via this route. Causes severe respiratory tract damage. Symptoms include sore throat, coughing, pain, tightness in chest, breathing difficulties, shortness of breath, headache, muscle weakness, anorexia, gastrointestinal disturbance, ringing in the ear, liver changes, fever, bronchitis and pneumonitis. Can be absorbed through inhalation with symptoms similar to ingestion.
Ingestion:
May cause burning of the mouth and pharynx, abdominal pain, vomiting, corrosive ulceration, bloody diarrhea. May be followed by a rapid and weak pulse, shallow breathing, paleness, exhaustion, tremors and collapse. Delayed death may occur from renal failure. Gastrointenstinal uptake of mercury is less than 5% but its ability to penetrate tissues presents some hazard. Initial symptoms may be thirst, possible abdominal discomfort.
Skin Contact:

Causes irritaton and burns to skin. Symptoms include redness and pain. May cause skin allergy and sensitization. Can be absorbed through the skin with symptoms to parallel ingestion.

Eye Contact:

Causes irritation and burns to eyes. Symptoms include redness, pain, blurred vision; may cause serious and permanent eye damage.

Chronic Exposure:

Chronic exposure through any route can produce central nervous system damage. May cause muscle tremors, personality and behavior changes, memory loss, metallic taste, loosening of the teeth, digestive disorders, skin rashes, brain damage and kidney damage. Can cause skin allergies and accumulate in the body. Repeated skin contact can cause the skin to turn gray in color. A suspected reproductive hazard; may damage the developing fetus and decrease fertility in males and females.

Aggravation of Pre-existing Conditions:

Persons with nervous disorders, or impaired kidney or respiratory function, or a history of allergies or a known sensitization to mercury may be more susceptible to the effects of the substance.

---

4. FIRST AID MEASURES

Inhalation:

Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.

Ingestion:

Induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately.

Skin Contact:

Immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Get medical attention immediately. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Eye Contact:

Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.

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5. FIRE FIGHTING MEASURES

Fire:

Not considered to be a fire hazard.

Explosion:

Not considered to be an explosion hazard.

Fire Extinguishing Media:

Use any means suitable for extinguishing surrounding fire. Do not allow water runoff to enter sewers or waterways.

Special Information:

In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. Undergoes hazardous reactions in the presence of heat and sparks or ignition. Smoke may contain toxic mercury or mercuric oxide. Smoke may contain toxic mercury or mercuric oxide.

---

6. ACCIDENTAL RELEASE MEASURES

Ventilate area of leak or spill. Clean-up personnel require protective clothing and respiratory protection from vapor.

Spills: Pick up and place in a suitable container for reclamation or disposal in a method that does not generate misting. Sprinkle area with sulfur or calcium polysulfide to suppress mercury. Do not flush to sewer. US Regulations (CERCLA) require reporting spills and releases to soil, water and air in excess of reportable quantities. The toll free number for the US Coast Guard National Response Center is (800) 424-8802.

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7. HANDLING AND STORAGE

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Isolate from any source of heat or ignition. Do not use or store on porous work surfaces (wood, unsealed concrete, etc.). Follow strict hygiene practices. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

---

8. EXPOSURE CONTROLS/PERSONAL PROTECTIVE EQUIPMENT

Airborne Exposure Limits:
- OSHA Acceptable Ceiling Concentration:
mercury and mercury compounds: 0.1 mg/m3 (TWA), skin
- ACGIH Threshold Limit Value (TLV):
inorganic and metallic mercury, as Hg: 0.025 mg/m3 (TWA) skin, A4 Not classifiable as a human carcinogen.
- ACGIH Biological Exposure Indices:
total inorganic mercury in urine (preshift): 35 ug/g creatinine;
total inorganic mercury in blood (end of shift): 15 ug/l.

Ventilation System:
A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Please refer to the ACGIH document, *Industrial Ventilation, A Manual of Recommended Practices*, most recent edition, for details.

Personal Respirators (NIOSH Approved):
If the exposure limit is exceeded and engineering controls are not feasible, a half-face respirator with a mercury vapor or chlorine gas cartridge may be worn for up to ten times the exposure limit or the maximum use concentration specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. A full-face piece respirator with a mercury vapor or chlorine gas cartridge may be worn up to 50 times the exposure limit, or the maximum use concentraiton specified by the appropriate regulatory agency or respirator supplier, whichever is lowest. For emergencies or instances where the exposure levels are not known, use a full-face piece positive-pressure, air-supplied respirator. WARNING: Air-purifying respirators do not protect workers in oxygen-deficient atmospheres.

Skin Protection:
Wear impervious protective clothing, including boots, gloves, lab coat, apron or coveralls, as appropriate, to prevent skin contact.

Eye Protection:
Use chemical safety goggles and/or a full face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

---

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:
Silver-white, heavy, mobile, liquid metal.
Odor:
Odorless.
Solubility:
Insoluble in water.
Density:
13.55
pH:
No information found.
% Volatiles by volume @ 21C (70F):
100
Boiling Point:
356.7C (675F)
Melting Point:
-38.87C (-38F)
Vapor Density (Air=1):
7.0
Vapor Pressure (mm Hg):
0.0018 @ 25C (77F)
Evaporation Rate (BuAc=1):
4

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10. STABILITY AND REACTIVITY

Stability:
Stable under ordinary conditions of use and storage.
Hazardous Decomposition Products:
At high temperatures, vaporizes to form extremely toxic fumes.
Hazardous Polymerization:
Will not occur.
Incompatibilities:
Acetylenes, ammonia, ethylene oxide, chlorine dioxide, azides, metal oxides, methyl silane, lithium, rubidium, oxygen, strong oxidants, metal carbonyls.
Conditions to Avoid:
Heat, flames, ignition sources, metal surfaces and incompatibles.

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11. TOXICOLOGICAL INFORMATION

Toxicological Data:
Investigated as a tumorigen, mutagen, reproductive effector.
Reproductive Toxicity:
All forms of mercury can cross the placenta to the fetus, but most of what is known has been learned from experimental animals. See Chronic Health Hazards.

Carcinogenicity:
EPA / IRIS classification: Group D1 - Not classifiable as a human carcinogen.
--------\Cancer Lists\----------
---NTP Carcinogen---
Ingredient Known Anticipated IARC Category
---------- ----- ---------- ----------
Mercury (7439-97-6) No No 3

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12. ECOLOGICAL INFORMATION

Environmental Fate:
This material has an experimentally-determined bioconcentration factor (BCF) of greater than 100. This material is expected to significantly bioaccumulate.
Environmental Toxicity:
This material is expected to be toxic to aquatic life. The LC50/96-hour values for fish are less than 1 mg/l.

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13. DISPOSAL CONSIDERATIONS

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

---

14. TRANSPORTATION INFORMATION

Domestic (Land, D.O.T.)

Proper Shipping Name: RQ, MERCURY
Hazard Class: 8
UN/NA: UN2809
Packing Group: III
Information reported for product/size: 1LB

International (Water, I.M.O.)

Proper Shipping Name: MERCURY
Hazard Class: 8
UN/NA: UN2809
Packing Group: III
Information reported for product/size: 1LB

---

15. OTHER INFORMATION

NFPA Ratings: Health: **3** Flammability: **0** Reactivity: **0**
Label Hazard Warning:

DANGER! CORROSIVE. CAUSES BURNS TO SKIN, EYES, AND RESPIRATORY TRACT. MAY BE FATAL IF SWALLOWED OR INHALED. HARMFUL IF ABSORBED THROUGH SKIN. AFFECTS THE KIDNEYS AND CENTRAL NERVOUS SYSTEM. MAY CAUSE ALLERGIC SKIN REACTION.

Label Precautions:

Do not get in eyes, on skin, or on clothing.
Do not breathe vapor.
Keep container closed.
Use only with adequate ventilation.
Wash thoroughly after handling.

Label First Aid:

If swallowed, induce vomiting immediately as directed by medical personnel. Never give anything by mouth to an unconscious person. If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. In case of contact, immediately flush eyes or skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. In all cases get medical attention immediately.

Product Use:

Laboratory Reagent.

Revision Information:

No Changes.

Disclaimer: Follows next page

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11.2 Emergency Contact Information

In the event of an accident or emergency situation, emergency procedures will be executed. Said procedures can and will be executed by the first person to observe an accident or emergency situation. The Project Field Manager will be notified about the situation immediately after emergency procedures are implemented.

11.2.1 Emergency Contacts and Map to Hospital

Emergency:	911	
Hospital:		
Police:	911	Police
Fire Department:	911	NYFD
Chemtrec:	800-424-9300	
Poison Control Center:	800-336-6997	
National Response Center:	800-424-8802	
US EPA (24-hour hotline):	800-424-9346	

Directions to Nearest Hospital From Project Site,

Identify nearest hospital before starting the project – secure a map and attach.

11.2.2 Utility Emergencies / Initiating Subsurface Investigation/Remedial Work

Where necessary, utility markouts will be called in via the one call center or to the individual companies listed below. The Port Authority of New York and New Jersey have provided the construction company with detailed subsurface maps of the site to direct excavation activities in a safe manner.

Mark Out One-Call Center	1-800-272-4480	No-Cuts
Gas Company:	718-643-4050	Brooklyn Union Gas
Telephone Company:	516-661-6000	Bell Atlantic
Electric Company:	718-643-4050	Keyspan/Con Edison

11.3 Contingency / Evacuation Plan

This Section is not, nor does it purport to be, a comprehensive recitation of safety and health requirements applicable to emergency procedures. Rather, contractors, subcontractors and workers at the site must refer to OSHA's Employee Emergency Action Plan Standard, set forth at 29 C.F.R. § 1910 Part 1926.35(a), as well as all supporting OSHA Compliance Directives and Letters of Interpretation, for complete information on safety and health compliance obligations.

If an unknown substance or substance container is encountered during site activities, the following contingency plan will be triggered.

1. The Site Health and Safety Officer, Project Manager and Field Operations Leader will be notified and an Exclusion Zone (the aerial extent of which will be determined by the above safety staff) will be established.
2. All staff will be evacuated from the Exclusion Zone.
3. Air monitoring will be conducted down-wind of the Exclusion Zone.
4. The NYSDEC, as well as any other Government regulatory agency whose need may be prompted by the particular situation, will be notified.
5. Upon arrival of the NYSDEC or Government regulatory agency representative(s), site control will transfer to the appropriate Government personnel.

It may be possible that a situation could develop site emergency could necessitate the evacuation of all personnel from the site. If such a situation develops, an audible alarm shall be given for site evacuation (consisting of an air horn). Personnel shall evacuate the site in a calm and controlled fashion and regroup at a predetermined location. The route of evacuation will be dependent on wind direction, severity, type of incident, etc. The site must not be re-entered until back-up help, monitoring equipment, and/or personal protective equipment are on hand and the appropriate regulatory agencies have been notified.

11.4 Emergency Medical Treatment Procedures

This Section is not, nor does it purport to be, a comprehensive recitation of safety and health requirements applicable to medical treatment and first aid. Rather, contractors, subcontractors and workers at the site must refer to OSHA's Medical Services and First Aid Standard, set forth at 29 C.F.R. § 1910 Part 1926.23 and 1926.50, as well as all supporting OSHA Compliance Directives and Letters of Interpretation, for complete information on safety and health compliance obligations.

All injuries, no matter how slight, will be reported to the site safety supervisor immediately. The safety supervisor will complete an accident report for all incidents (Appendix B).

Some injuries, such as severe lacerations or burns, may require immediate treatment. Unless required due to immediate danger, seriously injured persons should not be moved without direction from attending medical personnel.

11.4.1 Standard Procedures for Injury

1. Notify the Site Safety Officer, Project Manager, and the Port Authority Police of all accidents, incidents, and near emergency situations.
2. If the injury is minor, trained personnel should proceed to administer appropriate first aid.
3. Telephone for ambulance/medical assistance if necessary. Whenever possible, notify the receiving hospital of the nature of physical injury or chemical overexposure. If no phone is available, transport the person to the nearest hospital. Refer to the map in section 11.2.1.
4. When transporting an injured person to a hospital, bring this Health and Safety Plan with the attached MSDS to assist medical personnel with diagnosis and treatment.

11.4.2 Chemical Overexposure

In all cases of chemical overexposure, follow standard procedures as outlined below for poison management, first aid, and, if applicable, cardiopulmonary resuscitation. Different routes of exposure and their respective first aid/poison management procedures are outlined below.

Ingestion	Do not induce vomiting unless prompted by a health professional. Transport person to nearest hospital immediately.
Inhalation / Confined Space	Do not enter a confined space to rescue someone who has been overcome unless properly equipped and a standby person present.
Inhalation / Other	Move the person from the contaminated environment. Initiate CPR if necessary. Call or have someone call for medical

	assistance. Refer to MSDS for additional specific information. If necessary, transport the victim to the nearest hospital as soon as possible.
Skin Contact / Non-Caustic Contaminant (Petroleum, Gasoline, etc.)	Wash off skin with a large amount of water immediately. Remove any affected clothing and rewash skin using soap, if available. Transport person to a medical facility if necessary.
Skin Contact / Corrosive Contaminant (Acids, Hydrogen Peroxide, etc.)	Wash off skin with a large amount of water immediately. Remove any affected clothing and rewash skin with water. Transport person to a medical facility if necessary.
Eyes	Hold eyelids open and rinse the eyes immediately with large amounts of water for 15 minutes. Never permit the eyes to be rubbed. Transport person to a medical facility as soon as possible.

11.4.3 First Aid for Injuries Incurred During Field Work

A first aid kit and an emergency eyewash will be available on-site. Field crews, when performing field operations, will carry portable first aid kits that include emergency eye wash stations.

11.4.4 First Aid Equipment List

The first aid kit(s) kept at the site will consist of a weatherproof container with individually sealed packages for each type of item.

The kit will include at least the following items:

- Gauze roller bandages, 1-inch and 2-inch
- Gauze compress bandages, 4-inch
- Gauze pads, 2-inch
- Adhesive tape, 1-inch
- Bandage, 1-inch
- Butterfly bandages
- Triangular bandages, 40-inch
- Ampules of ammonia inhalants
- Antiseptic applicators or swabs
- Burn dressing and sterilized towels

- Surgical scissors
- Eye dressing
- Portable emergency eye wash
- Emergency oxygen supply
- Alcohol
- Hydrogen peroxide
- Clinical grade thermometer
- Tourniquet

11.4.5 Other Emergency Equipment

One portable fire extinguisher with a rating (ratio) of 20 pound A/B/C and one portable fire extinguisher with a rating of 2A will be conspicuously and centrally located between the restricted and non-restricted zones. In addition, similar extinguishers of the same size and class will be located in the site office trailer so that maximum travel distance to the nearest unit shall not exceed 50 feet. Portable extinguishers will be properly tagged with inspection dates and maintained in accordance with standard maintenance procedures for portable fire extinguishers. Field personnel will be trained in fire extinguisher use before field operations begin.

An emergency at any part of the site, such as fire or chemical release, might require that some appropriately trained site workers direct traffic on or near the site.
The following safety equipment to be used for traffic should be kept readily available on site in the field office:

- reflective/fluorescent vests
- flares
- traffic cones (and flags, or the equivalent, as needed)
- hazard tape (barricades as needed)
- working flashlights

11.5 Record of Injuries Incurred On-Site

11.5.1 Occupational Injuries and Illnesses Form (OSHA 200)

All occupational injuries and illnesses that are required to be recorded under the Occupational Safety and Health Act will be registered on OSHA Form 200 (see Appendix C). The site safety supervisor will record occupational injuries and illnesses within 48 hours of occurrence, as required by statute.

11.5.2 Employer's First Report of Injury

The site safety supervisor for all accidents involving work injury at the site will complete this form (Appendix D). Follow-up procedures will include investigation of each accident or near-miss by the safety supervisor to assure that no similar accidents occur in the future.

APPENDIX A
Accident Report Form

Employee Accident Report

EMPLOYEE

Name_____SS#_____Emp ID#_____

Home Address_____
Street city zip code phone

Sex: M F Birth Date_____ Age:_____ Employment Status: Full time _____Part time _____%_____

Job Title _____Time in Present Position _____ Yrs _____Months

Department _____Work Address_____
building/room # phone

Supervisor_____
name building/room # phone

Accident Date_____ Time _____am/pm Location_____

What were you doing and using (tools, chemicals, equipment, etc.) when the accident occurred? Describe what happened.

_____

_____

_____

Was this part of your normal job duty? _____ Yes _____No

Parts of body affected or injured_____

Witnesses:_____/_____

name phone name phone

Report prepared by (if different from the injured employee)_____
name phone

I understand that it is my right to apply for Workers' Compensation benefits and that I have two years from the date of this accident to do so. For more information regarding workers' compensation, call the New York State Department of Labor. I also authorize release of medical information regarding this accident to the Prime Contractors claim administrators.

EMPLOYEE SIGNATURE:_____DATE:_____

SUPERVISOR/CHARGE PERSON

This accident was reported to me on _____at_____ Cost Center/Dept # _____
(date) (time)

IS FURTHER INVESTIGATION REQUIRED? ___Yes ___No _____
Supervisor/Charge Person Signature Date

HEALTH CARE PROVIDER

Treated by:_____
print name signature

Address_____
name of facility street city state zip code phone

Hospitalized overnight as inpatient? _____yes _____no (if emergency room only mark no)

Diagnosis/Assessment_____

Parts of body affected_____

Reaggravation of previous work injury? _____ yes _____no Date of initial injury_____

APPENDIX B

OSHA 200 Form

OMB DISCLOSURE STATEMENT

Public reporting burden for this collection of information is estimated to vary from 4 to 30 (time in minutes) per response with an average of 15 (time in minutes) per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Persons are not required to respond to the collection of information unless it displays a currently valid OMB control number. If you have any comments regarding this estimate or any other aspect of this information collection, including suggestions for reducing this burden, please send them to the OSHA Office of Statistics, Room N-3644, 200 Constitution Avenue, N.W. Washington, D.C. 20210

Instructions for OSHA No. 200

I. Log and Summary of Occupational Injuries and Illnesses

Each employer who is subject to the recordkeeping requirements of the Occupational Safety and Health Act of 1970 must maintain for each establishment, a log of all recordable occupational injuries and illnesses. This form (OSHA No. 200) may be used for that purpose. A substitute for the OSHA No. 200 is acceptable if it is as detailed, easily readable, and understandable as the OSHA No. 200.

Enter each recordable case on the log within six (6) workdays after learning of its occurrence. Although other records must be maintained at the establishment to which they refer, it is possible to prepare and maintain the log at another location, using data processing equipment if desired. If the log is prepared elsewhere, a copy updated to within 45 calendar days must be present at all times in the establishment.

Logs must be maintained and retained for five (5) years following the end of the calendar year to which they relate. Logs must be available (normally at the establishment) for inspection and copying by representatives of the Department of Labor, or the Department of Health and Human Services, or States accorded jurisdiction under the Act. Access to the log is also provided to employees, former employees and their representatives.

II. Changes in Extent of or Outcome of Injury or Illness

If, during the 5-year period the log must be retained, there is a change in an extent and outcome of an injury or illness which affects entries in columns 1, 2, 6, 8, 9, or 13, the first entry should be lined out and a new entry made. For example, if an injured employee at first required only medical treatment but later lost workdays away from work, the check in column 6 should be lined out and checks entered in columns 2 and 3 and the number of lost workdays entered in column 4.

In another example, if an employee with an occupational illness lost wordays, returned to work, and then died of the illness, any entries in columns 9 through 12 would be lined out and the date of death entered in column 8.

The entire entry for an injury or illness should be lined out if later found to be nonrecordable. For example, an injury which is later determined not to be work related, or which was initially thought to involve medical treatement but later was determined to have involved only first aid.

III. Posting Requirements

A copy of the totals and information following the total line of the last page for the year, must be posted at each establishment in the place or places where notices to employees are customarily posted. This copy must be posted no later than February 1 and must remain in place until March 1. Even though there were no injuries or illnessed during the year, zeros must be entered on the totals line, and the form posted.

The person responsible for the annual summary totals shall certify that the totals are true and complete by signing at the bottom of the form.

IV. Instructions for Completing Log and Summary of Occupational injuries and illnesses

Column A - CASE OR FILE NUMBER. Self Expanatory

Column B - DATE OF INJURY OR ONSET OF ILLNESS

For occupational injuries, enter the date of the work accident which resulted in the injury. For occupational illnesses, enter the date of initial diagnosis of illness, or, if absence from work occurred before diagnosis, enter the first day of the absence attributable to the illness which was later diagnosed or recognized.

Columns C through F - Self Explanatory

Columns 1 and 8 - INJURY OR ILLNESS-RELATED DEATHS - Self Explanatory

Columns 2 and 9 - INJURIES OR ILLNESSES WITH LOST WORKDAYS - Self Explanatory

Any injury which involves days away from work, or days of restricted work activitiy, or both, must be recorded since it always involves one or more of the criteria for recordability.

Columns 3 and 10 - INJURIES OR ILLNESSES INVOLVING DAYS AWAY FROM WORK - Self Explanatory

Columns 4 and 11 - LOST WORKDAYS -- DAYS AWAY FROM WORK.

Enter the number of workdays (consecutive or not) on which the employee would have worked but could not because of occupational injury or illness. The number of lost workdays should not include the day of injury or onset of illness or any days on which the employee would not have worked even though able to work. NOTE: For employees not having a regularly scheduled shift, such as certain truck drivers, construction workers, farm labor, casual labor, part-time employees, etc., it may be necessary to estimate the number of lost workdays. Estimates of lost workdays shall be based on prior work history of the employee AND days worked by employees, not ill or injured, working in the department and/or occupation of the ill or injured employee.

Columns 5 and 12 - LOST WORKDAYS -- DAYS OF RESTRICTED WORK ACTIVITY.

Enter the number of workdays (consecutive or not) on which because of injury or illness:

(1) the employee was assigned to another job on a temporary basis, or

(2) the employee worked at a permanent job less than full time, or

(3) the employee worked at a permanently assigned job but could not perform all duties normally connected with it.

The number of lost workdays should not include the day of injury or onset of illness or any days on which the employee would not have worked even though able to work.

Columns 6 and 13 - INJURIES OR ILLNESSES WITHOUT LOST WORKDAYS - Self Explanatory

Columns 7a through 7g - TYPE OF ILLNESS. Enter a check in only *one* column for each illness.

TERMINATION OR PERMANENT TRANSFER - Place an asterisk to the right of the entry in columns 7a through 7g (type of illness) which represented a termination of employment or permanent transfer.

V. Totals

Add number of entries in columns 1 and 8.

Add number of checks in columns 2, 3, 6, 7, 9, 10 and 13.

Add number of days in columns 4, 5, 11 and 12.

Yearly totals for each column (1-13) are required for posting. Running or page totals may be generated at the discretion of the employer.

In an employee's loss of workdays is continuing at the time the totals are summarized, estimate the number of future workdays the employee will lose and add that estimate to the workdays already lost and include this figure in the annual totals. No further entries are to be made with respect to such cases in the next year's log.

VI. Definitions

OCCUPATIONAL INJURY is any injury such as a cut, fracture, sprain, amputation, etc. which results from a work accident or from an exposure involving a single incident in the work environment. NOTE: Conditions resulting from animal bites, such as insect or snake bites or from one-time exposure to chemicals, are considered to be injuries.

OCCUPATIONAL ILLNESS of an amployee is any abnormal condition or disorder, other than one resulting from an occupational injury, caused by exposure to environmental factors associated with employment. It includes acute and chronic illnesses or diseases which may be caused by inhalation, absorption, ingestion, or direct contact.

The following listing gives the categories of occupational illnesses and disorders that will be utilized for the purpose of classifying recordable illnesses. For porposes of information, examples of each category are given. These are typical examples, however, and are not to be considered the complete listing of the types of illnesses and disorders that are to be counted under each category.

7a. Occupational Skin Diseases or Disorders. Examples: Contact dermatitis, eczema, or rash caused by primary irritants and sensitizers or poisonous plants; oil acne; chrome ulcers; chemical burns or inflamation, etc.

7b. Dust Diseases of the Lungs (Pneumaconioses). Examples: Silicosis, asbestosis and other asbestos-related diseases, coal worker's pneumaconioses, byssinosis, siderosis, and other pneumaconioses.

7c. Respiratory Conditions Due to Toxic Agents. Examples: Pneumonitis, pharyngitis, rhinitis or acute congestion due to chemicals, dusts, gases, or fumes; farmer's lung; etc.

7d. Poisoning (Systemic Effects of Toxic Materials). Examples: Poisoning by lead, mercury, cadmium, arsenic, or other metals; poisoning by carbon monoxide, hydrogen sulfide, or other gases; poisoning by benzol, carbon tetrachloride, or other organic solvents; poisoning by insecticide sprays such as parathion, lead arsenate; poisoning by other chemicals such as formaldehyde, plastics, and resins; etc.

7e. Disorders Due to Physical Agents (Other than Toxic Materials). Examples: Heatstroke, sunstroke, heat exhaustion, and other effects of environmental heat, freezing, frostbite, and effects of exposure to low temperatures; caisson disease; effects of ionizing radiation (isotopes, X-rays, radium); effects of nonionizing radiation (welding flash, ultraviolet rays, microwaves, sunburn); etc.

7f. Disorders Associated with Repeated Trauma. Examples: Noise-induced hearing loss; synovitis, tenosynovitis, and bursitis. Raynaud's phenomena; and other conditions due to repeated motion, vibration, or pressure.

7g. All Other Occupational Illnesses. Examples: Anthrax, brucellosis, infectious hepatitis, malignant and benign tumors, food poisoning, histoplasmosis, coccidioidomycosis, etc.

MEDICAL TREATMENT includes treatment (other than first aid) administered by a physician or by registered professional personnel under the standing orders of a physician. Medical treatment does NOT include first aid treatment (one-time treatment and subsequent observation of minor scratches, cuts, burns, splinters, and so forth, which do not ordinarily require medical care) even though provided by a physician or registered professional personnel.

ESTABLISHMENT: A single physical location where business is conducted or where services or industrial operations are performed (for example: a factory, mill, store, hotel, resturant, movie theater, farm, ranch, bank, sales office, warehouse, or central administrative office). Where distinctly separate activities are performed at a single physicial location, such as construction activities operated from the same physical locations as a lumber yard, each activity shall be treated as a separate establishment.

For firms engaged in activities which may be physically dispersed, such as agriculture; construction; transportation; communications and electric, gas, and sanitary services, records may be maintained at a place to which employees report each day.

Records for personnel who do not primarily report or work at a single establishment, such as traveling salesmen, technicians, engineers, etc., shall be maintained at the location from which they are paid or the base from which personnel operate to carry out their activities.

WORK ENVIRONMENT is comprised of the physical location, equipment, materials processed or used, and the kinds of operations performed in the course of an employee's work, wether on or off the employer's premisis.

APPENDIX C

Safety Meeting Sheet

DATE	EMPLOYEE NAME	SAFETY OFFICER/SUPERVISOR	ACKNOLEDGEMENT THAT YOU HAVE READ AND UNDERSTSAND THE HASP SUPPLEMENT – TARGET SAFETY TOPIC FOR CONSTRUCTION PERSONNEL

APPENDIX D

Vapor Monitoring Sheet

Air Quality Chart Data						MAP
Event #	1	2	3	4	5	
Date/Time						
Location						
Tester						
Weather						
Instrument						
Calibration						
Ambient/Unit						
Reading/Unit						

NOTES FOR EVENTS:	

Ionization Detector Response

Photoionization Detector (PID)	
Concentrations (in ppm)	**Level of PPE Required**
0.0 to 5.0	Level D
5.0 to 250.0	Level C
250.0 to 750.0	Level B
Above 750.0	Immediately withdraw from the area

Combustible Gas Response

Combustible Gas Indicator (CGI)	
Results (% of LEL)	**Procedure**
0.0 to 20.0	Continue with normal activity
Above 20.0	Immediately withdraw from the area

Oxygen Detector Response

Combustible Gas Indicator (CGI)	
Results (% Oxygen)	**Procedure**
0.0 to 19.5	Level B PPE is required
19.5 to 23.0	Continue with normal activity
Above 23.0	Immediately withdraw from the area

APPENDIX E
OSHA Respirator Medical Evaluation Questionnaire

Attachment 4
Appendix C to 1910.134:OSHA Respirator Medical Evaluation Questionnaire (Mandatory)

To the employer: Answers to questions in Section 1, and to question 9 in Section 2 of Part A, do not require a medical examination.

To the employee:
Can you read (circle one): Yes No
Your employer must allow you to answer this questionnaire during normal working hours, or at a time and place
that is convenient to you. To maintain your confidentiality, your employer or supervisor must not look at or review your answers, and your employer must tell you how to deliver or send this questionnaire to the health
care professional who will review it.
Part A. Section 1. (Mandatory) The following information must be provided by every employee who has been
selected to use any type of respirator (please print).
1. Today's date:_____
2. Your name:_____
3. Your age (to nearest year):_____
4. Sex (circle one): Male Female
5. Your height: _____ ft. _____ in.
6. Your weight: _____ lbs.
7. Your job title:_____
8. A phone number where you can be reached by the health care professional who reviews this questionnaire
(include the Area Code): _____
9. The best time to phone you at this number: _____
10. Has your employer told you how to contact the health care professional who will review this questionnaire
(circle one): . . . . . Yes No
11. Check the type of respirator you will use (you can check more than one category):
a. _____ N, R, or P disposable respirator (filter-mask, non-cartridge type only).
b. _____ Other type (for example, half- or full-facepiece type, powered-air purifying, supplied-air, self-contained
breathing apparatus).
12. Have you worn a respirator (circle one): . . . . . Yes No
If "yes," what
type(s):_____
_____
_____

Part A. Section 2. (Mandatory) Questions 1 through 9 below must be answered by every employee who has been
selected to use any type of respirator (please circle "yes" or "no").

1. Do you currently smoke tobacco, or have you smoked tobacco in the last month: . . . . . Yes No
2. Have you ever had any of the following conditions?
a. Seizures (fits): . . . . . Yes No
b. Diabetes (sugar disease): . . . . . Yes No
c. Allergic reactions that interfere with your breathing: . . . . . Yes No
d. Claustrophobia (fear of closed-in places): . . . . . Yes No
e. Trouble smelling odors (except when you had a cold): . . . . . Yes No
3. Have you ever had any of the following pulmonary or lung problems?
a. Asbestosis: . . . . . Yes No
b. Asthma: . . . . . Yes No
c. Chronic bronchitis: . . . . . Yes No
d. Emphysema: . . . . . Yes No
e. Pneumonia: . . . . . Yes No
f. Tuberculosis: . . . . . Yes No
g. Silicosis: . . . . . Yes No
h. Pneumothorax (collapsed lung): . . . . . Yes No
i. Lung cancer: . . . . . Yes No
j. Broken ribs: . . . . . Yes No
k. Any chest injuries or surgeries: . . . . . Yes No
l. Any other lung problem that you've been told about: . . . . . Yes No
4. Do you currently have any of the following symptoms of pulmonary or lung illness?
a. Shortness of breath: . . . . . Yes No
b. Shortness of breath when walking fast on level ground or walking up a slight hill or incline: Yes No
c. Shortness of breath when walking with other people at an ordinary pace on level ground: . . Yes No
d. Have to stop for breath when walking at your own pace on level ground: . . . . . Yes No
e. Shortness of breath when washing or dressing yourself: . . . . . Yes No
f. Shortness of breath that interferes with your job: . . . . . Yes No
g. Coughing that produces phlegm (thick sputum): . . . . . Yes No
h. Coughing that wakes you early in the morning: . . . . . Yes No
i. Coughing that occurs mostly when you are lying down: . . . . . Yes No
j. Coughing up blood in the last month: . . . . . Yes No
k. Wheezing: . . . . . Yes No
l. Wheezing that interferes with your job: . . . . . Yes No
m. Chest pain when you breathe deeply: . . . . . Yes No
n. Any other symptoms that you think may be related to lung problems: . . . . . Yes No
5. Have you ever had any of the following cardiovascular or heart problems?
a. Heart attack: . . . . . Yes No
b. Stroke: . . . . . Yes No
c. Angina: . . . . . Yes No
d. Heart failure: . . . . . Yes No
e. Swelling in your legs or feet (not caused by walking): . . . . . Yes No
f. Heart arrhythmia (heart beating irregularly): . . . . . Yes No
g. High blood pressure: . . . . . Yes No
h. Any other heart problem that you've been told about: . . . . . Yes No

6. Have you ever had any of the following cardiovascular or heart symptoms?
a. Frequent pain or tightness in your chest: . . . . . Yes No
b. Pain or tightness in your chest during physical activity: . . . . . Yes No
c. Pain or tightness in your chest that interferes with your job: . . . . . Yes No
d. In the past two years, have you noticed your heart skipping or missing a beat: . . . . . Yes No
e. Heartburn or indigestion that is not related to eating: . . . . . Yes No
f. Any other symptoms that you think may be related to heart or circulation problems: . . . . . Yes No
7. Do you currently take medication for any of the following problems?
a. Breathing or lung problems: . . . . . Yes No
b. Heart trouble: . . . . . Yes No
c. Blood pressure: . . . . . Yes No
d. Seizures (fits): . . . . . Yes No
8. Has your wearing a respirator caused any of the following problems? (If you've never used a respirator, check the following space __ and go to question 9:)
a. Eye irritation: . . . . . Yes No
b. Skin allergies or rashes: . . . . . Yes No
c. Anxiety that occurs only when you use the respirator: . . . . . Yes No
d. Unusual weakness or fatigue: . . . . . Yes No
e. Any other problem that interferes with your use of a respirator: . . . . . Yes No
9. Would you like to talk to the health care professional who will review this questionnaire about your answers
to this questionnaire: . . . . . Yes No
Questions 10 to 15 below must be answered by every employee who has been selected to use either a full-facepiece respirator or a self-contained breathing apparatus (SCBA). For employees who have been
selected to use other types of respirators, answering these questions is voluntary.
10. Have you ever lost vision in either eye (temporarily or permanently): . . . . . Yes No
11. Do you currently have any of the following vision problems?
a. Wear contact lenses: . . . . . Yes No
b. Wear glasses: . . . . . Yes No
c. Color blind: . . . . . Yes No
d. Any other eye or vision problem: . . . . . Yes No
12. Have you ever had an injury to your ears, including a broken ear drum: . . . . . Yes No
13. Do you currently have any of the following hearing problems?
a. Difficulty hearing: . . . . . Yes No
b. Wear a hearing aid: . . . . . Yes No
c. Any other hearing or ear problem: . . . . . Yes No
14. Have you ever had a back injury: . . . . . Yes No
15. Do you currently have any of the following musculoskeletal problems?
a. Weakness in any of your arms, hands, legs, or feet: . . . . . Yes No
b. Back pain: . . . . . Yes No
c. Difficulty fully moving your arms and legs: . . . . . Yes No
d. Pain or stiffness when you lean forward or backward at the waist: . . . . . Yes No
e. Difficulty fully moving your head up or down: . . . . . Yes No
f. Difficulty fully moving your head side to side: . . . . . Yes No
g. Difficulty bending at your knees: . . . . . Yes No
h. Difficulty squatting to the ground: . . . . . Yes No

i. Difficulty climbing a flight of stairs or a ladder carrying more than 25 lbs: . . . . . Yes No
j. Any other muscle or skeletal problem that interferes with using a respirator: . . . . . Yes No

Part B Any of the following questions, and other questions not listed, may be added to the questionnaire at the discretion of the health care professional who will review the questionnaire.

1. In your present job, are you working at high altitudes (over 5,000 feet) or in a place that has lower than normal amounts of oxygen: . . . . . Yes No

If "yes," do you have feelings of dizziness, shortness of breath, pounding in your chest, or other symptoms when you're working under these conditions: . . . . . Yes No

2. At work or at home, have you ever been exposed to hazardous solvents, hazardous airborne chemicals (e.g., gases, fumes, or dust), or have you come into skin contact with hazardous chemicals: . . . . . Yes No

If "yes," name the chemicals if you know them:_____
_____
_____

3. Have you ever worked with any of the materials, or under any of the conditions, listed below:

a. Asbestos: . . . . . Yes No
b. Silica (e.g., in sandblasting): . . . . . Yes No
c. Tungsten/cobalt (e.g., grinding or welding this material): . . . . . Yes No
d. Beryllium: . . . . . Yes No
e. Aluminum: . . . . . Yes No
f. Coal (for example, mining): . . . . . Yes No
g. Iron: . . . . . Yes No
h. Tin: . . . . . Yes No
i. Dusty environments: . . . . . Yes No
j. Any other hazardous exposures: . . . . . Yes No

If "yes," describe these exposures:_____
_____
___
_____
___

4. List any second jobs or side businesses you have:_____
_____
____

5. List your previous occupations:_____
_____
_____

6. List your current and previous hobbies:_____
_____
_____

7. Have you been in the military services? . . . . . Yes No

If "yes," were you exposed to biological or chemical agents (either in training or combat): . . . . . Yes No

8. Have you ever worked on a HAZMAT team? . . . . . Yes No

9. Other than medications for breathing and lung problems, heart trouble, blood pressure, and seizures mentioned earlier in this questionnaire, are you taking any other medications for any reason (including over-the-counter medications): . . . . . Yes No
If "yes," name the medications if you know them:_____
10. Will you be using any of the following items with your respirator(s)?
a. HEPA Filters: . . . . . Yes No
b. Canisters (for example, gas masks): . . . . . Yes No
c. Cartridges: . . . . . Yes No
11. How often are you expected to use the respirator(s) (circle "yes" or "no" for all answers that apply to you)?:
a. Escape only (no rescue): . . . . . Yes No
b. Emergency rescue only: . . . . . Yes No
c. Less than 5 hours per week: . . . . . Yes No
d. Less than 2 hours per day: . . . . . Yes No
e. 2 to 4 hours per day: . . . . . Yes No
f. Over 4 hours per day: . . . . . Yes No
12. During the period you are using the respirator(s), is your work effort:
a. Light (less than 200 kcal per hour): . . . . . Yes No
If "yes," how long does this period last during the average shift:_____hrs._____mins.
Examples of a light work effort are sitting while writing, typing, drafting, or performing light assembly work; or
standing while operating a drill press (1-3 lbs.) or controlling machines.
b. Moderate (200 to 350 kcal per hour): . . . . . Yes No
If "yes," how long does this period last during the average shift:_____hrs._____mins.
Examples of moderate work effort are sitting while nailing or filing; driving a truck or bus in urban traffic; standing while drilling, nailing, performing assembly work, or transferring a moderate load (about 35 lbs.) at
trunk level; walking on a level surface about 2 mph or down a 5-degree grade about 3 mph; or pushing a wheelbarrow with a heavy load (about 100 lbs.) on a level surface.
c. Heavy (above 350 kcal per hour): . . . . . Yes No
If "yes," how long does this period last during the average shift:_____hrs._____mins.
Examples of heavy work are lifting a heavy load (about 50 lbs.) from the floor to your waist or shoulder; working
on a loading dock; shoveling; standing while bricklaying or chipping castings; walking up an 8-degree grade
about 2 mph; climbing stairs with a heavy load (about 50 lbs.).
13. Will you be wearing protective clothing and or equipment (other than the respirator) when you're using your
respirator: . . . . . Yes No
If "yes," describe this protective clothing and or equipment:_____
_____
____
14. Will you be working under hot conditions (temperature exceeding 77 deg. F): . . . . . Yes No
15. Will you be working under humid conditions: . . . . . Yes No

16. Describe the work you'll be doing while you're using your respirator(s):

_____

_____

17. Describe any special or hazardous conditions you might encounter when you're using your respirator(s) (for
example, confined spaces, life-threatening gases):

_____

_____

18. Provide the following information, if you know it, for each toxic substance that you'll be exposed to when
you're using your respirator(s):

Name of the first toxic substance:_____

Estimated maximum exposure level per shift:_____

Duration of exposure per shift_____

Name of the second toxic substance:_____

Estimated maximum exposure level per shift:_____

Duration of exposure per shift:_____

Name of the third toxic substance:_____

Estimated maximum exposure level per shift:_____

Duration of exposure per shift:_____

The name of any other toxic substances that you'll be exposed to while using your respirator:

_____

_____

_____

19. Describe any special responsibilities you'll have while using your respirator(s) that may affect the safety and
well-being of others (for example, rescue, security):

_____

_____

_____

Apéndice C: Cuestionario de Evaluación Médico obligado por la OSHA (La agencia de seguridad y salud ocupacional)
Parte 29 CFR 1910.134 Mandatorio para Proteccion del Sistema Respiratorio

Marque con un circulo para indicar sus respuestas a cada pregunta.
Para el empleado: Puede usted leer (circule uno): Sí o No
Su patrón debe dejarlo responder estas preguntas durante horas de trabajo o en un tiempo y lugar que sea conveniente para usted. Para mantener este cuestionario confidencial, su patrón o supervisor no debe ver o revisar sus respuestas. Su patrón debe informarle a quien dar o enviar este cuestionario para ser revisado por un
profesional de sanidad con licencia autorizado por el estado.

Parte A. Sección 1. (Mandatorio). La siguiente información debe de ser proveida por cada empleado que ha
sido seleccionado para usar cualquier tipo de respirador (escriba claro por favor).

1. Fecha :_____
2. Nombre:_____
3. Edad:_____
4. Su sexo (circule uno) Masculino o Femenino
5. Altura: _____pies _____pulgadas
6. Peso: _____libras
7. Su ocupación, título o tipo de trabajo: _____
8. Número de teléfono al donde pueda ser llamado por un profesional de sanidad con licencia que revisara este cuestionario (incluya el área):_____
9. Indique la hora mas conveniente para llamarle a este numero:_____
10. ¿Le ha informado su patrón como comunicarse con el profesional de sanidad con licencia que va a revisar
este cuestionario (circule una respuesta)? . . . . . Sí o No
11. Anote el tipo de equipo protector respíratorio que va utilizar (puede anotar mas de una categoría)
a._____ Respirador disponible de clase N, R, o P (por ejemplo: respirador de filtro mécanico, respirador sin
cartucho)
b._____ Otros tipos (respirador con cartucho químico, máscara con cartucho químico, máscara con manguera con soplador (PAPR),máscara con manguera sin soplador (SAR), aparato respiratorio autónomos (SCBA)).
12. ¿Ha usado algun tipo de respirador ? . . . . . Sí o No

Si ha usado equipo protector respíratorio, que tipo(s) ha utilizado:
_____
_____

Parte A. Seccion 2. (Mandatorio): Preguntas del 1 al 9 deben ser contestadas por cada empleado que fue seleccionado a usar cualquier tipo de respirador. Marque con un circulo para indicar sus repuestas.

1. ¿Corrientemente fuma tabaco, o ha fumado tabaco durante el ultimo mes? . . . . . Sí o No
2. ¿Ha tenido algunas de las siguientes condiciones medicas?
a. Convulsiones : . . . . . Sí o No
b. Diabetes (azucar en la sangre): . . . . . Sí o No
c. Reacciones alergicas que no lo deja respirar: . . . . . Sí o No
d. Claustrofobia (miedo de estar en espacios cerrados): . . . . . Sí o No
e. Dificultad oliendo excepto cuando ha cogido un resfriado: . . . . . Sí o No
3. ¿Ha tenido algunas de los siguientes problemas pulmonares?
a. Asbestosis: . . . . . Sí o No
b. Asma: . . . . . Sí o No
c. Bronquitis cronica: . . . . . Sí o No
d. Emfisema: . . . . . Sí o No
e. Pulmonía: . . . . . Sí o No
f. Tuberculosis: . . . . . Sí o No
g. Silicosis: . . . . . Sí o No
h. Neumotorax (pulmon colapsado): . . . . . Sí o No
i. Cáncer en los pulmones: . . . . . Sí o No
j. Costillas quebradas: . . . . . Sí o No
k. Injuria o cirujía en el pecho: . . . . . Sí o No
l. Algun otro problema de los pulmones que le ha dicho su medico: . . . . . Sí o No
4. ¿Corrientemente tiene alguno de los siguientes síntomas o enfermedades en sus pulmones?
a. Respiración dificultosa . . . . . Sí o No
b. Respiración dificultosa cuando camina rapido sobre terreno plano o subiendo una colina: Sí o No
c. Respiración dificultosa cuando camina normalmente con otras personas sobre terreno plano: Sí o No
d. Cuando camina normalmente en terreno plano se encuentra corto de resuello? . . . . . Sí o No
e. Respiración dificultosa cuando se esta bañando o vistiendo: . . . . . Sí o No
f. Respiración dificultosa que lo impede trabajar: . . . . . Sí o No
g. Tos con flema: . . . . . Sí o No
h. Tos que lo despierta temprano en la mañana: . . . . . Sí o No
i. Tos que occure cuando esta acostado: . . . . . Sí o No
j. Ha tosido sangre en el ultimo mes: . . . . . Sí o No
k. Silbar o respirar con mucha dificultad: . . . . . Sí o No
l. Silbar que lo impede trabajar: . . . . . Sí o No
m. Dolor del pecho cuando respira profundamente: . . . . . Sí o No
n. Otros símtomas que crea usted estar relacionados a los pulmones: . . . . . Sí o No
5. ¿Ha tenido algunos de los siguientes problemas con el corazón?
a. Ataque cardiaco: . . . . . Sí o No
b. Ataque cerebrovascular: . . . . . Sí o No
c. Dolor en el pecho: . . . . . Sí o No
d. Falla de corazón: . . . . . Sí o No
e. Hinchazón en las piernas o pies (que no sea por caminar): . . . . . Sí o No
f. Latidos irregulares del corazón: . . . . . Sí o No
g. Alta presión: . . . . . Sí o No
h. Algun otro problema cardio-vascular o cardiaco: . . . . . Sí o No
6. ¿Ha tenido algunos de los siguientes síntomas causados por su corazón?
a. Dolor de pecho frecuente o pecho apretado: . . . . . Sí o No
b. Dolor o pecho apretado durante actividad fisica: . . . . . Sí o No

c. Dolor o pecho apretado que no lo deja trabajar normalmente: . . . . . Sí o No
d. En los ultimos dos años ha notado que su corazón late irregularmente: . . . . . Sí o No
e. Dolor en el pecho o indigestion que no es relacionado a la comida: . . . . . Sí o No
f. Algunos otros síntomas que usted piensa ser causado por problemas de su corazón o de su circulation.
. . . . . Sí o No
7. ¿Esta tomando medicina por algunso de los siguientes problemas?
a. Respiración dificultosa: . . . . . Sí o No
b. Problemas del corazón: . . . . . Sí o No
c. Alta presión : . . . . . Sí o No
d. Convulsiones: . . . . . Sí o No
8. ¿Le ha causado alguno de los siguientes problemas usando el respirador? (si no ha usado un respirador, deje
esta pregunta en blanco__ y continue con pregunta 9).
a. Irritación de los ojos: . . . . . Sí o No
b. Alergias del cutis o sarpullido: . . . . . Sí o No
c. Ansiedad que ocurre solamente cuando usa el respirado: . . . . . Sí o No
d. Debilidad, falta de vigor o fatiga desacostumbrada: . . . . . Sí o No
e. Algun otro problema que le impida utilizar su respirador: . . . . . Sí o No
9. ¿Le gustaria hablar con el profesional de sanidad con licencia autorizado por el estado que revisara este cuestionario sobre sus respuestas? . . . . . Sí o No

Las preguntas del 10 al 15 deben ser contestadas por los empleados seleccionados para usar una máscara
con cartucho químico o aparato respiratorio autónomo (SCBA). Los empleados que usan otro tipo de respirador no tienen que contestar estas preguntas.

10. ¿Ha perdido la vista en cualquiera de sus ojos (temporalmente o permanente): . . . . . Sí o No
11. ¿Corrientemente tiene algunos de los siguientes problemas con su vista?
a. Usa lentes de contacto: . . . . . Sí o No
b. Usa lentes: . . . . . Sí o No
c. Daltoniano (dificultad distinguiendo colores): . . . . . Sí o No
d. Tiene algún problema con sus ojos o su vista: . . . . . Sí o No
12. ¿Ha tenido daño en sus oidos incluyendo rotura del tímpano: . . . . . Sí o No
13. ¿Corrientemente tiene uno de las siguientes problemas para oir?
a. Dificultad oyendo: . . . . . Sí o No
b. Usa un aparato para oir: . . . . . Sí o No
c. Tiene algun otro problema con sus oidos o dificultad escuchando: . . . . . Sí o No
14. ¿Se ha dañado o lastimado su espalda? . . . . . Sí o No
15. ¿Tiene uno de los siguientes problemas de su aparato muscular or eskeleto?
a. Debilidad en sus brazos, manos, piernas o pies : . . . . . Sí o No
b. Dolor de espalda: . . . . . Sí o No
c. Dificultad para mover sus brazos y piernas completamente: . . . . . Sí o No
d. Dolor o engarrotamiento cuando se inclina para adelante o para atras: . . . . . Sí o No
e. Dificultad para mover su cabeza para arriba o para abajo completamente: . . . . . Sí o No
f. Dificultad para mover su cabeza de lado a lado: . . . . . Sí o No
g. Dificultad para agacharse doblando sus rodillas: . . . . . Sí o No
h. Dificultad para agacharse hasta tocar el piso: . . . . . Sí o No
i. Dificultad subiendo escaleras cargando mas de 25 libras: . . . . . Sí o No
j. Alguno problema muscular o con sus huesos que le evite usar un respirador: . . . . . Sí o No

Parte B - Las siguientes preguntas pueden ser agregadas al cuestionario a discrecion del profesional de
sanidad con licencia autorizado por el estado.

1. ¿Esta trabajando en las alturas arriba de 5,000 pies o en sitios que tienen menos oxígeno de lo normal? . . . . . Sí o No

Si la respuesta es "Sí", se ha sentido mareado, o ha tenido dificultad respirando, palpitaciones, o cualquier otro síntoma que usted no tiene cuando no esta trabajando bajo estas condiciones: . . . . . Sí o No

2. ¿En el trabajo o en su casa, ha estado expuesto a solventes o contaminantes peligrosos en el aire (por ejemplo, humos, neblina o polvos) o ha tenido contacto del cutis con químicas peligrosas? . . . . . Sí o No

Escriba las químicas y productos con las que ha estado expuesto, si sabe cuales son:_____

3. ¿Ha trabajado con los siguientes materiales o las condiciones anotadas abajo?:

a. Asbestos: . . . . . Sí o No
b. Sílice (Limpiar mediante un chorro de arena): . . . . . Sí o No
c. Tungsteno/Cobalto (pulverizar o soldadura): . . . . . Sí o No
d. Berilio: . . . . . Sí o No
e. Aluminio: . . . . . Sí o No
f. Carbón de piedra (minando): . . . . . Sí o No
g. Hierro: . . . . . Sí o No
h. Estaño: . . . . . Sí o No
i. Ambiente polvoriento: . . . . . Sí o No
j. Otra exposicion peligrosa: . . . . . Sí o No

Describa las exposiciones peligrosas:

_____
_____

4. ¿Tiene usted otro trabajo o un negocio aparte de este?

_____
_____

5. Apunte su previos trabajos:

_____

6. Apunte sus pasatiempos:

_____
_____

7. ¿Tiene servicio militar? . . . . . Sí o No

Si la respuesta es "Sí", ha estado expuesto a agentes químicos o biologicos durante entrenamiento o combate: . . . . . Sí o No

8. ¿Alguna vez ha trabajado en un equipo de HAZMAT (equipo respondedor a incidentes de materiales peligosos con emergencia)? . . . . . Sí o No

9. ¿Esta tomando alguna medicina que no haya mencionado en este cuestionario (incluyendo remedios caseros o
medicinas que compra sin receta)? . . . . . Sí o No
Si la respuesta es “Sí”, cuales son_____
10. ¿Va a usar algunas de las siguientes partes con su respirador?
a. filtros HEPA (filtro de alta eficiencia que remueve partículas tóxicas en la atmósfera): . . . . Sí o No
b. Canastillo (por ejemplo, máscara para gas): . . . . . Sí o No
c. Cartuchos: . . . . . Sí o No
11. ¿Cuántas veces espera usar un respirador?
a. Para salir de peligro solamente (no rescates): . . . . . Sí o No
b. Recates de emergencia solamente: . . . . . Sí o No
c. Menos de 5 horas *por semana*: . . . . . Sí o No
d. Menos de 2 horas *por día*: . . . . . Sí o No
e. 2 a 4 horas *por día*: . . . . . Sí o No
f. Mas de 4 horas *por día*: . . . . . Sí o No
12. ¿Durante el tiempo de usar el respirador, su trabajo es...?
a. **Ligero** (menos de 200 kcal por hora): . . . . . Sí o No
Si la respuesta es “sí”, cuanto tiempo dura la obra _____horas _____minutos
Ejemplos de trabajos ligeros: estar sentado escribiendo, escribiendo a máquina, diseñando, trabajando la línea de
montaje, o estar parado gobernando un taladro o máquinas:
b. **Moderado** (200-350 kcal por hora): . . . . . Sí o No
Si la respuesta es “sí”cuanto tiempo dura en promedio por jornada _____horas_____minutos
Ejemplos de trabajos moderados : sentado clavando o archivando; manejando un camión o autobús en trafico
pesado; estar de pie taladrando, clavando, trabajando la línea de montaje, o transferiendo una carga (de 35 libras)
a la altura de la cintura; caminando sobre tierra plana a 2 millas por hora o bajando a 3 millas por hora; empujando una carretilla con una carga pesada (de 100 libras) sobre terreno plano.
c. **Pesado** (mas de 350 kcal por hora): . . . . . Sí o No
Si la respuesta es “sí”cuanto tiempo dura en promedio por jornada _____horas_____minutos
Ejemplos de trabajos pesados: levantando cargas pesadas (mas de 50 libras) desde el piso hasta la altura de la
cintura o los hombros; trabajando cargando o descargando; transpalear; estar de pie trabajando de albañil o demenuzando moldes; subiendo a 2 millas por hora; subiendo la escalera con una carga pesada (mas de 50 libras).
13. ¿Va a estar usando ropa o equipo protectivo cuando use el respirador? . . . . . Sí o No
Si la respuesta es “sí” describa que va a estar
usando_____
_____
_____
14. ¿Va a estar trabajando en condiciones calurosas (temperatura mas de 77 grados F)? . . . . . Sí o No
15. ¿Va a estar trabajando en condiciones humedas? . . . . . Sí o No

16. Describa el tipo de trabajo que va a estar usted haciendo cuando use el respirador.

_____

_____

17. Describa cualquier situacion especial o peligrosa que pueda encontrar cuando este usando el respirador (por
ejemplo, espacios encerrados, gases que lo puedan matar, etc.)

_____

18. Provea la siguiente informacion si la sabe, por cada sustancia tóxica que usted va a estar expuesto cuando
este usando el respirador(s):

Nombre de la primera sustancia tóxica_____

Maximo nivel de exposición por jornada de trabajo_____

Tiempo de exposición por jornada_____

Nombre de la segunda sustancia tóxica_____

Maximo nivel de exposición por jornada de trabajo_____

Tiempo de exposición por jornada_____

Nombre de la tercera sustancia tóxica_____

Máximo nivel de exposición por jornada de trabajo_____

Tiempo de exposición por jornada_____

El nombre de cualquier sustancia tóxica que usted va a estar expuesto cuando este usted usando el
respirador_____

_____

19. Describa alguna responsabilidad especial que usted va a tener cuando usted este usado el respirador(s) que
pueda afectar la seguridad o la vida de otros (por ejemplo, rescate, seguridad).

_____

APPENDIX F

Agreement and Acknowledgement Statement

Agreement and Acknowledgement Statement

By signing within the space provided below you are agreeing that you have read and fully understand the contents of the Health and Safety Plan and you are agreeing to conduct yourself in accordance with the procedures and protocols described. You also agree to notify the site Health and Safety Officer of anyone on-site conducting themselves or creating in a manner or creating a condition or situation on-site that is prohibited within the Health and Safety Plan. Furthermore, by signing this form, you are acknowledging that you have had the opportunity to ask, and have received the answer to any questions about the content of the Health and Safety Plan or its interpretation.

NAME	DATE	SIGNATURE

Appendix F

Community Air Monitoring Plan

Site Management Plan
NYSDEC BCP #C224350

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
FAX: (631) 269-1599

NYSDEC BROWNFIELD CLEANUP PROGRAM
Community Air Monitoring Plan – BCP # C224350
August 1, 2025

conducted at:

300-344 Nevins Street/498 Union Street/417 Carroll Street (318 Nevins Street)
Brooklyn, New York
County Tax Map Designation: *Block 439; Lots 1 & 10*

Submitted to:

Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, New York, 12233-7020

Prepared For:

Gowanus Nevins North LLC &
Gowanus Nevins South LLC
19 West 24th Street, 12th Floor
New York, NY, 10010

IEC Project # 1597

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LIST OF ACRONYMS

Acronym	Definition
DER	Division of Environmental Remediation
CAMP	Community Air Monitoring Unit
Mcg/m3	Micrograms Per Cubic Meter
NYS DEC	New York State Department of Environmental Conservation
NYS DOH	New York State Department of Health
PID	Photoionization Detector
PM-10	Particulate Matter Less Than 10 Micrometers in Size
PPM	Parts Per Million
VOC	Volatile Organic Compound

CERTIFICATION

I, Brad Summerville am a Professional Engineer (PE) as defined in §43-140. I have primary direct responsibility for implementation of the Community Air Management Plan (CAMP) for the (318 Nevins Street, Brooklyn, NY) Site (DEC Site # C224350).

I certify that the CAMP has a plan for handling the prevention of exposure to the public from potential contaminant releases resulting from on-site investigative or remedial activities.

Brad Summerville, P.E.

Name

Signature

8/1/2025

Date

1 INTRODUCTION

Impact Environmental Engineering & Geology, PLLC., (IEEG) has prepared this Community Air Monitoring Plan (CAMP) to protect the community from any potential airborne releases that could result from field activities associated with activities conducted under the at the property located at 318 Nevins Street, Brooklyn, New York, herein referred to as the "Site". This work is being performed under the auspices of the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program, DEC Project # C224350. This document has been prepared in accordance with the NYSDEC Program Policy Division of Environmental Remediation (DER)-10/Technical Guidance for Site Investigation and Remediation, dated May 3, 2010.

The CAMP is intended to protect off-site receptors and those not directly involved with remedial activities from potential airborne contaminant releases that result directly from investigative or remedial activities.

1.1 Objectives

The overall objectives of this document are as follows:

- Prevent exposure to the public from potential contaminant releases resulting from on-site investigative or remedial activities;
- Specify monitoring and documentation requirements; and
- Provide contingency details.

2 MONITORING

2.1 Community Air Monitoring Plan

A Community Air Monitoring Plan (CAMP) requires real-time monitoring for volatile organic compounds (VOCs) and particulates (i.e., dust) at the downwind perimeter of each designated work area when certain activities are in progress at contaminated sites. The CAMP is not intended for use in establishing action levels for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community (i.e., off-site receptors including residences and businesses and on-site workers not directly involved with the subject work activities) from potential airborne contaminant releases as a direct result of investigative and remedial work activities. The action levels specified herein require increased monitoring, corrective actions to abate emissions, and/or work shutdown. Additionally, the CAMP helps to confirm that work activities did not spread contamination off-site through the air.

The generic CAMP presented below will be sufficient to cover many, if not most, sites. Specific requirements should be reviewed for each situation in consultation with NYSDOH to ensure proper applicability. In some cases, a separate site-specific CAMP or supplement may be required. Depending upon the nature of contamination, chemical- specific monitoring with appropriately sensitive methods may be required. Depending upon the proximity of potentially exposed individuals, more stringent monitoring, or response levels than those presented below may be required. Special requirements will be necessary for work within 20 feet of potentially exposed individuals or structures and for indoor work with co-located residences or facilities. These requirements should be determined in consultation with NYSDOH. Reliance on the CAMP should not preclude simple, common-sense measures to keep VOCs, dust, and odors at a minimum around the work areas. Exceedances of action levels observed during performance of the CAMP will be reported to the DEC Project Manager and included in the Daily Report.

Depending upon the nature of known or potential contaminants at each site, real-time air monitoring for VOCs and/or particulate levels at the perimeter of the exclusion zone or work area will be necessary. Most sites will involve VOC and particulate monitoring; sites known to be contaminated with heavy metals alone may only require particulate monitoring. If radiological contamination is a concern, additional monitoring requirements may be necessary per consultation with appropriate DEC/NYSDOH staff.

Continuous monitoring will be required for all ground intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground intrusive activities include, but are not limited to, soil/waste excavation and handling, test pitting or trenching, and the installation of soil borings or monitoring wells.

Periodic monitoring for VOCs will be required during non-intrusive activities such as the collection of soil and sediment samples or the collection of groundwater samples from existing monitoring wells. APeriodic@ monitoring during sample collection might reasonably consist of taking a reading upon arrival at a sample location, monitoring while opening a well cap or overturning soil, monitoring during well baling/purging, and taking a reading prior to leaving a sample location. In some instances, depending upon the proximity of potentially exposed individuals, continuous monitoring may be required during sampling activities. Examples of such situations include groundwater sampling at wells on the curb of a busy urban street, in the midst of a public park, or adjacent to a school or residence.

2.2 VOC Monitoring, Response Levels, and Actions

Volatile organic compounds (VOCs) must be monitored at the downwind perimeter of the immediate work area (i.e., the exclusion zone) on a continuous basis or as otherwise specified. Upwind concentrations should be measured at the start of each workday and periodically thereafter to establish background conditions, particularly if wind direction changes. The monitoring work should be performed using equipment appropriate to measure the types of contaminants known or suspected to be present. The equipment should be calibrated at least daily for the contaminant(s) of concern or for an appropriate surrogate. The equipment should be capable of calculating 15-minute running average concentrations, which will be compared to the levels specified below.

1. If the ambient air concentration of total organic vapors at the downwind perimeter of the work area or exclusion zone exceeds 5 parts per million (ppm) above background for the 15-minute average, work activities must be temporarily halted and monitoring continued. If the total organic vapor level readily decreases (per instantaneous readings) below 5 ppm over background, work activities can resume with continued monitoring.

2. If total organic vapor levels at the downwind perimeter of the work area or exclusion zone persist at levels in excess of 5 ppm over background but less than 25 ppm, work activities must be halted, the source of vapors identified, corrective actions taken to abate emissions, and monitoring continued. After these steps, work activities can resume provided that the total organic vapor level 200 feet downwind of the exclusion zone or half the distance to the nearest potential receptor or residential/commercial structure, whichever is less - but in no case less than 20 feet, is below 5 ppmover background for the 15-minute average.

3. If the organic vapor level is above 25 ppm at the perimeter of the work area, activities must be shutdown.

4. All 15-minute readings must be recorded and be available for State (DEC and NYSDOH) personnel to review. Instantaneous readings, if any, used for decision purposes should also be recorded.

2.3 Particulate Monitoring, Response Levels, and Actions

Particulate concentrations should be monitored continuously at the upwind and downwind perimeters of the exclusion zone at temporary particulate monitoring stations. The particulate monitoring should be performed using real-time monitoring equipment capable of measuring particulate matter less than 10 micrometers in size (PM-10) and capable of integrating over a period of 15 minutes (or less) for comparison to the airborne particulate action level. The equipment must be equipped with an audible alarm to indicate exceedance of the action level. In addition, fugitive dust migration should be visually assessed during all work activities.

1. If the downwind PM-10 particulate level is 100 micrograms per cubic meter (mcg/m^3) greater than background (upwind perimeter) for the 15-minute period or if airborne dust is observed leaving the work area, then dust suppression techniques must be employed. Work may continue with dust suppression techniques provided that downwind PM-10 particulate levels do not exceed 150 mcg/m^3 above the upwind level and provided that no visible dust is migrating from the work area.

2. If, after implementation of dust suppression techniques, downwind PM-10 particulate levels are greater than 150 mcg/m^3 above the upwind level, work must be stopped and a re-evaluation of activities initiated. Work can resume provided that dust suppression measures and other controls are successful in reducing the downwind PM-10 particulate concentration to within 150 mcg/m^3 of the upwind level and in preventing visible dust migration.

3. All readings must be recorded and be available for State (DEC and NYSDOH) and County Health personnel to review.

2.3.1 Special Requirements for Work Within 20 Feet of Potentially Exposed Individuals

Special Requirements CAMP is required when ground intrusive or soil handling is occurring within 20 feet of potentially exposed individuals or structures, as follows:

1. When work areas are within 20 feet of potentially exposed populations or occupied structures, the continuous monitoring locations for VOCs and particulates must reflect the nearest potentially exposed individuals and the location of ventilation system intakes for nearby structures. The use of engineering controls such as vapor/dust barriers, temporary negative-pressure enclosures, or special ventilation devices should be considered to prevent exposures related to the work activities and to control dust and odors. Consideration should be given to implementing the planned activities when potentially exposed populations are at a minimum, such as during weekends or evening hours in non-residential settings.

2. If total VOC concentrations opposite the walls of occupied structures or next to intake vents exceed 1 ppm, monitoring should occur within the occupied structure(s). Depending upon the nature of contamination, chemical-specific colorimetric tubes of sufficient sensitivity may be necessary for comparing the exposure point concentrations with appropriate pre-determined response levels (response actions should also be predetermined). Background readings in the occupied spaces must be taken prior to commencement of the planned work. Any unusual background readings should be discussed with NYSDOH prior to commencement of the work.

3. If total particulate concentrations opposite the walls of occupied structures or next to intake vents exceed 150 mcg/m3, work activities should be suspended until controls are implemented

and are successful in reducing the total particulate concentration to 150mcg/m3 or less at the monitoring point.

2.4 Meteorological Monitoring

Meteorological monitoring will take place on a daily basis. It will consist of temperature, wind direction, and general atmospheric conditions (i.e. rain, snow, etc.). These parameters will be evaluated each morning and recorded in the field notebook. Wind direction should be monitored throughout the day so that upwind and downwind sampling locations can be adjusted if necessary. All readings will be recorded and be available for DEC personnel to review.

3 DOCUMENTATION

During the implementation of the CAMP, the following information will be recorded and maintained:

- Climatological conditions including temperature wind direction, and other atmospheric conditions along with the date and time of observations;
- Calibration of field instruments;
- CAMP monitoring locations;
- VOC 15-min readings as well as instantaneous readings, if necessary; All particulate readings; and
- Any exceedances to the response levels and the respective corrective actions.

VOC 1-min readings will be available for review by the State (NEYDEC and NYSDOH) if requested and included in each *Daily Field Report*. Additionally, the DEC will be notified immediately of any exceedances.

Appendix G

Operations and Maintenance Manual

Site Management Plan
NYSDEC BCP #C224350

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Sub-Slab Depressurization System Operations and Maintenance (O&M) Manual

February 13, 2026

Conducted at:
318 Nevins Street
300-344 Nevins Street/498 Union Street/417 Carroll Street (aka 318 Nevins Street) *Block 439, Lots 1 & 10*
Brooklyn, New York
NYSDEC BCP #C224350

Prepared for:

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APPENDICES

Appendix A: SSDS Operation and Maintenance Forms

1.0 INTRODUCTION

Impact Environmental Engineering and Geology, PLLC. (IEEG) has prepared this Operations, Maintenance and Monitoring Plan (OM&M Plan) on behalf of Gowanus Nevins North LLC & Gowanus Nevins South LLC (Owner) to describe operation, maintenance, and sampling procedures for the Sub-Slab Depressurization Systems (SSDSs) to be installed at both the north and south buildings located at 318 Nevins Street, Brooklyn, NY (the "Site").

Soil vapor intrusion is the migration of volatile or semi-volatile chemical compounds from contaminated groundwater and soil into overlying buildings. The chemical vapors can migrate into the building interior through openings in the building floor slab or foundation. The potential for SVI increases if the air pressure inside the building is lower than the soil gas pressure beneath the floor, a condition which may occur when, for example, building air is drawn out of the interior of the building by operation of the heating, ventilation and air-conditioning (HVAC) systems for the building.

Sub-slab depressurization systems are designed to mitigate the migration of subsurface vapors into the interior of a structure by establishing and maintaining a pressure differential across the building floor slab such that the soil gas pressure below the floor slab is less than the air pressure inside the building. The negative sub-slab pressure relative to the indoor air pressure is established by using vacuum fans to extract vapor from suction points installed through the floor slab. From the suction points the vapor is safely routed in solid piping through the interior of the building to exhaust points above the roof line. The exhaust points are designed in a manner that does not lead to recirculation of the soil gas into indoor air by operation of the HVAC system for the building.

This OM&M Plan was designed in accordance with the New York State Department of Health (NYSDOH) guidance (Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006), the New York City Mechanical Code MC 512 Sub-Slab Exhaust Systems, New York City Local Law 2009/071, and the USEPA document EPA/625/R-92/016 for the Sub-Slab Depressurization of Large Buildings and Schools.

1.1 Purpose and Scope

The goal for implementation of the SSD systems at the Site is to mitigate the potential migration of soil vapor impacted by chlorinated volatile organic compounds (CVOCs) from beneath the buildings footprints into the interior occupied spaces of the buildings.

This OM&M Plan addresses potential soil vapor intrusion associated with VOCs that may remain at the Site following redevelopment. The objective is to construct, commission and operate the SSDS to achieve and maintain a minimum vacuum pressure differential of 0.004 inches of water column between the sub-slab soil pore and void spaces and the routinely occupied interior spaces of the buildings.

This OM&M Plan is intended to inform the Buildings operators and/or owners of the original design intent of the SSD systems, and the recommended operation, maintenance, and monitoring requirements of the SSD systems and will include the following:

- Steps necessary to allow individuals unfamiliar with the Site to operate and maintain the SSD systems located within the Site;
- An operation and maintenance contingency plan; and,
- Will be updated periodically to reflect changes in Site conditions or the way the SSD systems is operated and maintained.

A general site location map, which identifies the overall residential complex, is included as **Figure 1**. The SSD systems configuration is illustrated in **Figures 2 and 3**.

1.2 Site Description

The Site consists of two (2) mixed-use residential and commercial buildings, one (1) situated at the north portion of the Site (498 Union Street) and one (1) situated at south portion of the Site (417 Carroll Street). The two buildings are separated by an approximately 50-foot-wide upland connection. The upland connection is located above a combined sewer overflow (CSO) pipe easement which has been approved to be abandoned by NYCDEP. The Site is zoned as a Manufacturing District (M1-4) with a Medium Density Residential overlay (R7-2) and a Special Gowanus Mixed Use

District (G) designation and is currently undergoing superstructure construction/development (i.e., foundation slab and Site cover has been completed) at of the issuance of this SMP.

The 498 Union Street building (north Building) was developed with a maximum of 22 stories and will be used for retail space, a residential lobby, mechanical spaces and bicycle storage on the 1st floor, residential amenity space, mixed use space, and residential apartment units on the 2nd floor, and residential apartments from the 3rd through 22nd floors.

The 417 Carroll Street building (south Building) was developed with a maximum of 17 stories and will be used for retail space, residential lobby, mechanical space and bicycle storage on the 1st floor, residential amenity space, Gowanus Mixed Use (GMU) space, and residential apartment units on the 2nd floor, and residential apartments from the 3rd through 17th floors. A small partial cellar will also be constructed as part of this building. As part of the Site redevelopment, there is also a 30-foot-wide public walkway and waterfront area adjacent to the Gowanus Canal.

Formerly the Site was identified as a single Lot (Block 439, Lot 1) and was occupied by one (1) single-story warehouse building which was primarily operated as food sales under numerous vendors identified as: Venditti, Tacos Limos, Tacos Lupita, Tacos El Poblanito, Tacos El Chicken and Tacos Pollo Loco. The single-story warehouse was constructed on a 4-foot elevated foundation slab above fill material and was approximately 300,000 square feet (sf). The warehouse structure was most recently occupied by the Manhattan Commissary Inc., who leased the property and primarily operated it for food sales under numerous vendors which operated food trucks that were stored on-Site.

During the Remedial Investigation conducted by IEEG in October 2022, soil vapor samples were collected from the Site which included the installation of five (5) sub-slab soil vapor points (October 2022) throughout the property. Indoor air samples were not collected as part of the investigation(s) due to the open air/high air exchange rate within the warehouse building as samples would not be representative of indoor air quality.

In February 2024 the NYSDOH updated their Soil Vapor/Indoor Air Decision Matrices with three new matrices (Matrix D through F) relating to petroleum compounds. The following results from the 2021 and

2022 sampling events have been updated to include comparisons to the new matrices from the February 2024 Update.

October 2022 Sub-Slab Soil Vapor Sampling:

The soil vapor sampling results identified up to thirty-one VOCs detected at varying concentrations in the five (5) soil vapor samples collected from the Site. Thirteen of the VOCs detected in soil vapor samples are petroleum related and include benzene, toluene, ethylbenzene, o-xylene and m,p-xylene (BTEX), 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, p-ethyltoluene, n-hexane, cyclohexane, n-heptane, styrene, isopropanol. With the February 2024 DOH Guidance Update applied, the following exceedances are identified in the table below:

Compound	NYSDOH Matrices Soil Vapor (A-F) (µg/m³)	Results (µg/m³)					
		SV-DUP	SV-4	SV-5	SV-6	SV-7	SV-8
Ethyl Benzene	60	42.537	33.856	**60.768**	ND	56.427	47.746
o-Xylene	60	43.401	32.117	**60.762**	ND	**65.102**	47.742
p/m-Xylenes	200	160.585	112.844	**208.327**	ND	**221.348**	177.946
PCE	100	**318.643**	**257.626**	**549.151**	4.678 J	**583.049**	**813.557**
Toluene	300	210.950	**335.260**	**305.124**	2.599 J	**602.715**	**489.706**
TCE	6	**16.652**	**8.595**	**30.618**	**11.280**	2.632	**1,396.623**

Note: Compounds not included in the table did not display regulatory guidance exceedances
ND-Non-Detect
J- Concentration is estimated

Based on the results of the Final RI, IEEG concluded that remedial action was appropriate to support the proposed Site development.

1.3 Sub-Slab Depressurization System General Description

Each building contains an active Sub-Slab Depressurization System (SSDS) consisting of three (3) separate branches beneath each of the building slab footprints, which consist of approximately 35,343 square feet for the south building footprint and 33,473 for the north building footprint. To enhance the effectiveness of active sub-slab depressurization by reducing leakage across the slab, a vapor barrier/waterproofing membrane was installed. The vapor barrier consists of a 20-Mil Stego® Wrap Vapor Barrier for horizontal applications beneath the building foundation slab and for vertical applications, outside the building

footprint. Each SSDS branch consists of three individual 6-inch diameter Schedule 40 PVC slotted screen sections connected to individual 4-inch diameter Schedule 40 PVC solid sub-slab pipes that are connected to steel piping prior to being routed vertically through the concrete floor slab into the building. The vertical steel piping legs will then be connected to a 6-inch diameter manifold. The manifold will include valves, gauges and sampling ports for flow balancing and monitoring of the individual screened zones. Each manifold will discharge to an individual 6-inch CPVC riser for each leg. Each riser will be extended vertically through the building to the roof, where it will connect to individual SSDS Blower. Each of the SSDS branches will provide the correct coverage in accordance with USEPA sub-slab depressurization design specifications.

Each system consists of one SSDS roof mounted blower connected to nine (9) permanent vapor monitoring/sub-slab vapor sampling points located within each building. The system was constructed using principles and equipment typically used for radon mitigation in buildings as detailed in the United States Environmental Protection Agency (EPA) and the final NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006). These SSD systems were installed as a permanent, integral addition to the Site.

The key components of each SSDS include two (2) variable frequency high performance radial blower, roof mounted, to provide sub-slab depressurization via 4” galvanized steel pipe and PVC pipe to roof exhaust, and nine (9) vacuum monitoring points.

Horizontal piping beneath each building slab will consist of three (3) branches, each branch will be composed of two (2) piping runs. Solid piping and screened sections will be installed within the sub-slab gravel layer prior to construction of the concrete building slab. Each trench will be filled with a minimum 10-inch-thick layer of ¾-inch clean gravel. The gravel layer within the trench will be placed to provide an unimpeded continuous airflow to the overall sub-slab gravel layer to ensure the continuity of the sub-slab vacuum. Where necessary for piping pitch for the drainage of condensation, a trench will be excavated deeper than the overall 10-inch thickness of gravel to extend and maintain a minimum of 4-inches of gravel surrounding the piping. The extraction piping will be installed using a minimum slope of 1% to provide ample drainage of condensation from the blower inlet to the subgrade piping. The highest point of the sub-slab piping will be located at the vertical transition through the slab, and the lowest point will be located at the farthest end of each piping run. Horizontal, sub-slab SSDS extraction piping will be

constructed of 4-inch diameter Schedule 40 polyvinylchloride (PVC) solid piping, and 4-inch diameter Schedule 40 PVC 0.040 slotted screen. The installation location of SSDS piping and vapor monitoring/sub-slab vapor sampling points is designed with consideration of foundation elements (piles, pile caps, etc) to prevent short-circuiting or interference with the SSDS efficacy.

Individual horizontal PVC piping runs will transition to a 4-inch galvanized elbow and to a 4-inch galvanized nipple for the vertical transition through the concrete slab to approximately 6 inches above the slab's finished grade. Once through the slab, prior to connecting to the manifold, the 4-inch steel nipple of each leg will connect to a 4-inch chlorinated polyvinylchloride (CPVC) tees each with provisions for a 1/4" inch sample port, and a 1/4" inch vacuum gauge, leading to a 4-inch brass gate valve connected to a 4 x 6-inch CPVC manifold. The gate valves, and individual gages will allow balancing of air flow and vacuum from each of the two branches of piping runs. The sample ports will allow testing/sampling of the vapor collected from each piping run. The 6- inch manifold effluent will connect both branch legs to a single riser leading a roof-mounted blower.

The 6-inch manifold effluent will be connected to one 6-inch diameter CPVC riser pipe extended vertically, adjacent to building stairwells, to the roof. The riser will be installed from sub slab to the roof with the fewest horizontal turns possible. All piping penetrations through the slab will be sealed using pipe boots or mastic as per vapor barrier manufacturer's specifications. through a common manifold leading to a 6-inch CPVC stack leading to the roof.

Once the piping extends above the roof, a lockable lever-handle, 6-inch diameter PVC butterfly valve (Hayward BYCN10301 LGB or equivalent) will be installed inline prior to connection to the SSDS blower. After the valve, a ¼ inch diameter port with will be tapped in the line for connection of a vacuum gauge. The 6-inch piping will then be connected to the SSDS blower using a rubber Fernco coupling.

Each system will be connected to an Obar Systems model GBR89 Radial SSDS Blower mounted on an OBAR roof mounted stand. Discharge piping from the fan's outlet will consist of 6-inch diameter Schedule 40 PVC, as specified by the fan manufacturer, and will be equipped with a 6-inch weatherproof, animal resistant vent screen and rain hood. The discharge stack shall terminate a minimum of 10 feet above the finished roof structure and at least 12 feet horizontally from any of the building's air handling equipment

minimum intakes or windows. The discharge stack and fan mount will be properly secured to the exterior roof, or bulkhead.

All exterior PVC piping and fittings will be coated for UV protection with a white, water-based latex paint, or similar. SSDS Warning labels will be placed on the SSD conveyance piping and master switch. A dedicated electrical connection will be installed between the existing 240 Volt, three phase electrical supply (located inside the building) and the fan's weather-proof electrical switch box as shown on Blower Cut Sheet.

Dedicated electrical service for each of the 3 inline fans for each building will be divided among the appropriate number of dedicated circuit breakers based on the amp draw of the fans and the amperage allowed by each circuit breaker. The electrical wiring will be routed along interior walls or along the roof structure using electrical metallic tubing (EMT) conduit and vertically down to an electrical service panel inside the building using appropriate clamps, straps, or hangers. A master shut-off switch will be installed inside the building, in-line between the electrical supply and the exterior switch box. At the electrical service panel, a locking clip will be affixed to the breaker operating the circuit that operates the fan(s). At interior wall penetrations, the concrete block wall will be restored with cement grout around the annulus between the pipe and penetration. On the exterior side of each wall penetration, a pipe boot (Dektite® EZi-Seal or similar) will be installed around the discharge pipe which contours to the sheet metal panel and ensures a weatherproof seal.

One Sensaphone Sentinel remote system monitor will be installed on the 1st floor in the superintendent's office of each building. Signal wires for each monitor will be connected to 3 electronic vacuum sensors, one for each riser. The sensors will monitor the vacuum at each riser. If the vacuum at any of the sensors falls below the sensors setpoint of 0.25 inches of water, a visible and an audible alarm will occur on the monitor. In addition, the monitor will notify appropriate personnel via email of the failure.

The roof-mounted blowers will operate continuously after initial startup. Adjustments may be needed to calibrate the systems to perform as designed. Required maintenance, adjustments, or repairs to the blower systems will be conducted as per the manufacturer's recommendations. The need for future repairs and/or adjustments will be based on comparisons between the startup testing and ongoing system performance.

2.0 PERFORMANCE EVALUATION

2.1 System Operations

- Fan should be kept in continuous operation. New York State Soil Vapor Intrusion Guidance (2006) specifies that operation, maintenance and monitoring of the SSD system should be included as part of site management. Until subsurface remediation efforts eventually address VOCs in soil and/or groundwater to acceptable levels (i.e. SSD operation no longer required) operation of the SSD system should continue. At that point, the vapor mitigation system may be shut down and/or removed and O&M requirements would cease.
- Reset. Fan restarts automatically in event of power loss. In case of overheating, fan requires 1-minute power interruption to reset.
- In the event of unusual fan noise, failure to start, physical damage, or repeated circuit breaker trip, turn fan off and call for service. IEEG – 631-269-8800.
- Regularly inspect fan gauge to verify that value, indicated by a mark on the gauge, has not changed significantly from the position of the mark. Gauge is inspected by observing the position of the indicator needle.
- Normal system operation requires unchanged structural conditions. Report any changes in structure, HVAC systems, slab conditions, etc., so that the change can be evaluated for impact on the SSD System.
- Ensure that a periodic inspection is performed.
- DEC and DOC will be notified in writing of any temporary shutdown to the system at the time of the occurrence, including the corrective measure taken to address the pause in the system operations.

Initial System Startup Testing

Immediately following the SSDS installation and system startup, IEEG will inspect and conduct testing to verify proper operation of each SSDS component and instrumentation, and will collect system data including:

- System vacuum (in-H2O)
- System temperature (˚F)

- Extraction velocity (FPM) – to be converted for CFM
- Sub-slab vacuum readings (in-H2O)

System balancing will be conducted during initial testing, with the collected data evaluated against pilot testing results.

Post System Startup Testing – 1 Week

Approximately one week after system startup, IERG will revisit the site for a 1-week post-system inspection. During this inspection, IEEG will collect system data including:

- System vacuum (in-H2O)
- System temperature (˚F)
- Extraction well velocity (FPM) – to be converted for CFM
- Sub-slab vacuum readings (in-H2O)

A sample will be collected from each of the at roof level. The samples will be collected using batch clean vacuum-sealed laboratory canisters. The extracted vapor samples will be sent to a NYSDOH-approved laboratory and analyzed for VOCs by EPA method TO-15.

The samples collected during startup testing from each effluent point of discharge will be analyzed for VOCs to evaluate the toxicity and impacts on the receptors downwind. The results will be compared to the NYSDEC DAR Air Guidance (DAR-1) Guidelines for the Control of Toxic Ambient Air Contaminants, Short-term Guideline Concentrations (SGCs) and Average-Annual Guidance Criteria (AGCs). Accordingly, the results of testing will indicate if the levels being discharged from the Site are acceptable for direct discharge to the atmosphere without vapor control during the full-scale SSD system operation.

2.2 Sampling Event Protocol

System performance and concurrent mass removal sampling should be performed on an annual basis and concurrently performed during routine system maintenance. Said sampling work consists of collecting two (2) indoor air samples from within the eastern and western section of the building, while concurrently collecting effluent vapor samples from sample ports located on the effluent-side of the three (3) mitigation fans.

Said effluent sample is collected utilizing Teflon tubing connecting a six (6) liter summa canister to the sample ports. Prior to sample collection, indoor air and the effluent sampling location are screened with a portable photoionization detector (PID) and measurements recorded. Effluent purging is not performed prior to sample collection. Each sample will be collected over a 24- hour period, utilizing a laboratory prepared flow regulator attached to each summa canister.

The system performance samples must be transported under proper chain of custody procedures to an ELAP-accredited environmental laboratory. Analyses performed on said samples will consist of chlorinated Volatile Organic Compounds (tetrachloroethene, trichloroethene, cis-1,2-dichlortoethene and vinyl chloride) and Petroleum compounds by USEPA Test Method TO-15.

Indoor air testing will be conducted twice during the first year of operation, once during the heating season, which typically runs from November 15 through March 31, and after system startup once the building envelope is complete or prior to occupancy. A total of nine (9) sub-slab vapor points as well as nine (9) associated indoor air and one (1) outdoor ambient air samples will be collected from each of the two on-site buildings. The outdoor ambient air sample will be collected from an upwind location on the property. Each indoor air sample will be collected at a height of 3-5 feet from the ground within the approximate breathing zone and proximal to its associated indoor air sample. Parameters including indoor and outdoor air temperature, wind direction and relative humidity will be noted during the sampling event.

The SVI samples will be collected for analysis in batch clean vacuum-sealed canisters equipped with a laboratory calibrated flow control device to facilitate the collection of the samples for an 8-hour sample duration time. Following sampling, the pressure of the canisters will be recorded. Field log sheets are attached in Attachment 4. The SVI samples will be submitted to a NYSDOH-approved laboratory for analysis of VOCs by EPA Method TO-15.

2.3 Routine Operation and Equipment Maintenance (Monthly)

Following the first month of operation, the SSDS will be monitored monthly during the initial first year and then quarterly thereafter, unless startup testing indicates more frequent monitoring is required. During each monitoring event, a qualified technician will collect system data including:

- System vacuum (in-H2O)
- System temperature (˚F)
- Extraction well velocity (FPM) – to be converted for CFM
- Sub-slab vacuum readings (in-H2O)

The following SSD systmes monitoring tasks will be completed by the owner or building operator on a monthly basis during the initial first year and then quarterly thereafter:

- Collect vacuum readings from the Magnehelic® manometer gauges (labeled by fan number) located in the monitoring instrument panels described. Record the readings on the Monitoring Log provided in Appendix C.
- Obtain vacuum readings using a portable micromanometer from the four (4) sub-slab pressure monitoring points. Ensure that the micromanometer has been calibrated by the manufacturer within one (1) year of its use. If any of the sub-slab pressure monitoring points are damaged or protective covers are missing, take measures for corrective action.
- Note any observed abnormalities, visual or auditory, with respect to normal system operating conditions on the log sheet. If the manometer needle rests all the way to the left on the zero bar and/or the Checkpoint IIa low-pressure switch audible warning alarm is activated and/or the pilot light is red, confirm operation (either visually or audibly) of the corresponding fan at the roof level and notify the owner and Engineer immediately in order to initiate necessary corrective measures. Indicate on the log sheet if the instrument panel pilot lights are green or red to verify that fans are operating correctly. If any of the pilot lights are off, notify the owner and Engineer immediately to initiate necessary corrective measures.
- Inspect the fans and exhaust stacks on the roof and note any abnormal conditions such as hot fan housings, vibrations, or unusual noise. Make note of any condensation or blockages occurring on the SSDS exhaust piping.
- Conduct an inspection of all building floor surfaces to which vacuum is applied. The floor should be monitored or repaired, if required, or sealed where objects, including utilities, penetrate the concrete slab. Identify and repair any leaks in accordance with Sections 4.3.1(a) and 4.3.4(a) of the NYS DOH VI Guidance (i.e.; with the systems running, use smoke sticks to check for leaks

through concrete cracks, floor joints and at the suction points; any leaks will be resealed until smoke is no longer observed flowing through the opening).

- Maintain a digital or paper copy of the completed log form in a file dedicated to saving monitoring records for the SSDS. Provide a copy of the completed log sheet to the owner's Engineer.
- Maintain panelboard labels in the electrical panel box that contains circuit breakers for the SSDS fans.
- On an occasional basis (at least once annually), toggle each of the circuit breakers for the SSDS fans off and back on to confirm that the low-pressure switches provide the intended audible and visual warnings. If any low-pressure switches do not work correctly, notify the owner and Engineer immediately to initiate corrective measures.
- Inspect fan vacuum indicator to verify that value, indicated by a mark on the gauge, has not changed significantly from the position of the mark;
- Record the observed measurement for the fan vacuum indicator on form labeled "System Operation Log". Store all forms in the facility maintenance office;
- Inspect visible components of SSDS in vicinity of gauge for degraded condition; and,
- Investigate and report any gauge reading that deviates 50% or more from the vacuum readings referred in Section 2.1 of this O&M Plan, or any degraded condition of visible components.

Long term testing, operation and maintenance will be determined based on the evaluation of the first year of operational data.

2.4 Routine Operation and Equipment Maintenance (Annual)

Long term testing, operation and maintenance will be determined based on the evaluation of the first year of operational data. Annual monitoring events of the system are currently performed. Said tasks during this monitoring event include, but not limited to:

- Conduct a visual inspection of the complete System (e.g., vent fans, piping, warning devices, labeling);
- Check for overall rigidity and integrity of all interior and exterior pipes and supports and hose clamps holding vertical pipe in place. Look for any loose pipe supports and repair. Verify that no building retrofit has taken place that obstructs or could obstruct the vertical discharge pipe;

- Conduct an inspection of all building floor surfaces to which vacuum is applied. The floor should be monitored or repaired, if required, or sealed where objects, including utilities, penetrate the concrete slab;
- Listen for unusual noises or visual indicators that the fan within the crawl space is operating poorly;
- Identify and repair any leaks in accordance with Sections 4.3.1(a) and 4.3.4(a) of the NYS DOH VI Guidance (i.e.; with the systems running, use smoke sticks to check for leaks through concrete cracks, floor joints and at the suction points; any leaks will be resealed until smoke is no longer observed flowing through the opening);
- Conduct pressure field extension testing (to ensure that the system is maintaining a vacuum beneath the entire slab). Perform at least one differential pressure reading for each building slab section enclosed by a separate footer using the three permanent sub-slab monitoring implants referenced in the attached SSDS diagram; and,
- Check to see that the circuit breakers controlling the circuits on which the soil vapor vent fans operate are labeled "Soil Vapor System."

2.5 System Optimization

If during annual monitoring or system restarts a vacuum (differential pressure) greater than or equal to 0.004 inches of water column is not detected at all permanent sub-slab pressure monitoring points, the SSDS may need to be adjusted or optimized. System optimization should be accomplished by using the sub-slab point readings to identify areas of the building which have inadequate differential pressures as well as adjacent areas where an excess of vacuum is indicated. To perform the optimization:

- At those locations where a number of suction points lead to one fan, and excess sub-slab vacuum (pressure differences of significantly more than 0.002 inches) is indicated, incrementally throttle the ball valves down on risers for those individual suction points in that area to attempt to balance the influence of the fan operations more evenly across the affected area. Recheck all sub-slab monitoring points in that section of the building to determine if sufficient vacuum is now present at each location. Several

adjustments and readjustments of ball valves on more than one riser may be needed to accomplish the rebalancing.

- If throttling back the suction point riser valves does not yield acceptable vacuum throughout the area of the building addressed by that fan, it's possible that system optimization could be accomplished by selecting and installing a fan of a different size (different performance characteristics) to replace the fan in question and/or fans for other nearby suction points. The Engineer will need to be involved in determining and implementing the appropriate action.

2.6 SYSTEM DECOMISSIONING

It is anticipated that the SSD systmes will need to be operated for an extended period of time. The active SSD systems will not be discontinued unless prior written approval is granted by the DEC and the DOH project managers. If monitoring data indicates that the SSD systems may no longer be required, a proposal to discontinue the SSD systmes will be submitted by the remedial party to the DEC and DOH. Decommissioning of the systems may include:

- Removal of the SSDS fans and monitoring instrument panels and proper decommissioning of associated electrical connections by a qualified electrician.
- Grouting of the sub-slab piping and permanent sub-slab pressure monitoring points.
- Capping (or removal if required by owner) of the risers and piping network.

3.0 REPORTING AND RECORD MANAGEMENT

3.1 Routine Maintenance Reports

There is Checklists or forms will be completed during each routine maintenance event. Checklists/forms will include, but not be limited to the following information:

- Date;
- Name, company, and position of person(s) conducting maintenance activities;
- Remediation system identification (SSDS);
- Maintenance activities conducted;
- Any modifications to the system(s);
- Where appropriate, color photographs or sketches showing the approximate location of any problems or incidents noted (included either on the checklist/form or on an attached sheet); and,
- Other documentation such as copies of invoices for maintenance work, receipts for replacement equipment, etc., (attached to the checklist/form).

3.2 Non-Routine Maintenance Reports

During each non-routine maintenance event, a form will be completed which will include, but not be limited to, the following information:

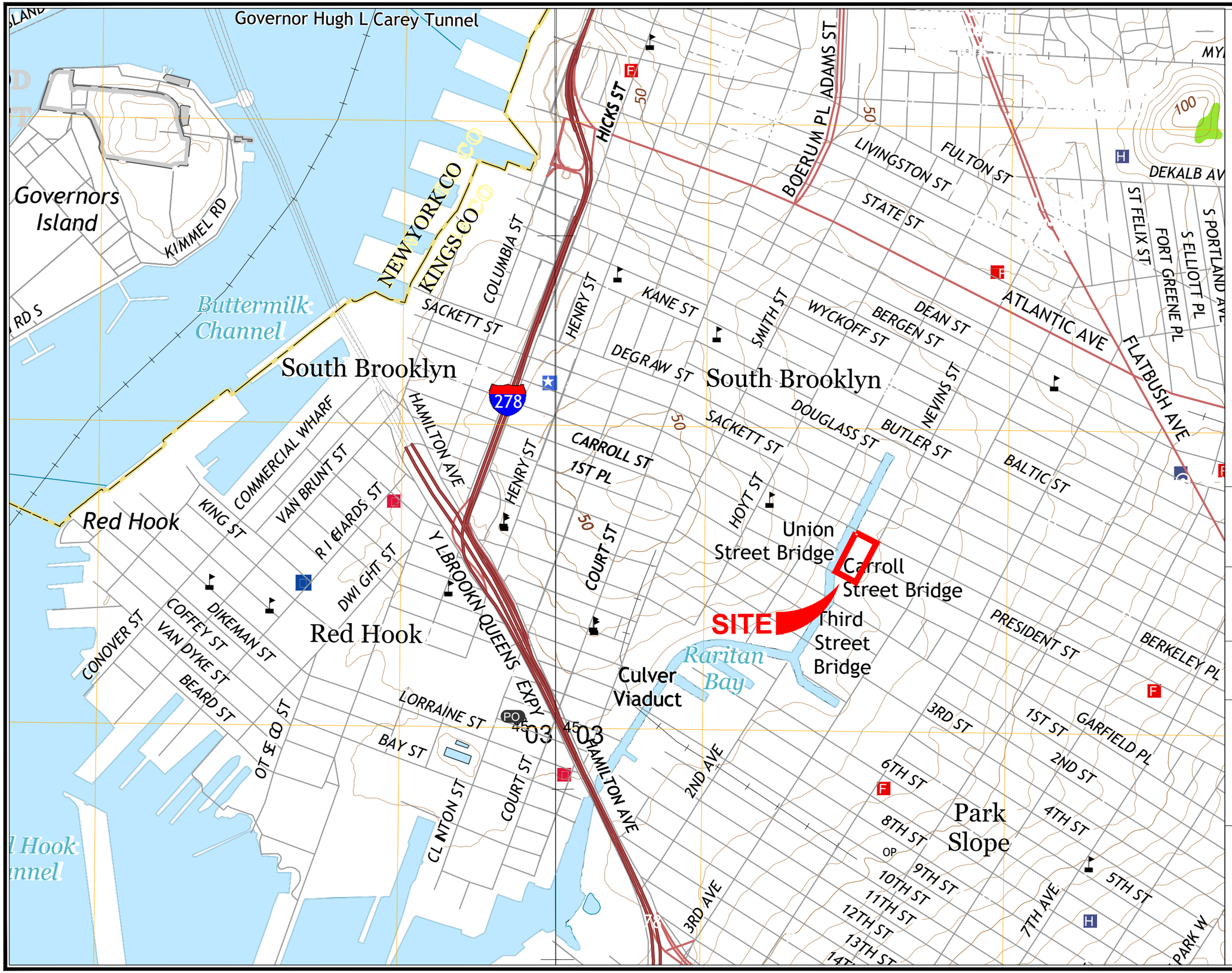
- Date;
- Name, company, and position of person(s) conducting non-routine maintenance/repair activities;
- Remediation system identification (SSDS);
- Presence of leaks;
- Date of leak repair;
- Other repairs or adjustments made to the system(s);
- Where appropriate, color photographs or sketches showing the approximate location of any problems or incidents (included either on the form or on an attached sheet); and,
- Other documentation such as copies of invoices for repair work, receipts for replacement equipment, etc. (attached to the checklist/form).

System specific maintenance activities will be provided in accordance with equipment manufacturer's

recommendations and/or good practice. Basic inspection tasks will be conducted by a qualified individual, and only skilled personnel will perform maintenance tasks. Such tasks may require the operator(s) to have proper licenses and credentials prior to performing work. All maintenance services and system adjustments will be recorded in a service log and kept onsite for reference. Typical forms that will be used for operation and maintenance tracking are listed below and presented in **Appendix A**.

FIGURE 1 – Site Location Map

318 Nevins Street, Brooklyn, NY



PROJECT NORTH

NOTES:

FIGURE 1:
SITE LOCATION

318 Nevins Street
Brooklyn, New York

Figure No: 01

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	DP
DATE:	01/19/2022
SCALE:	N.T.S.

REVISIONS

IMPACT ENVIRONMENTAL CLOSURES, INC.

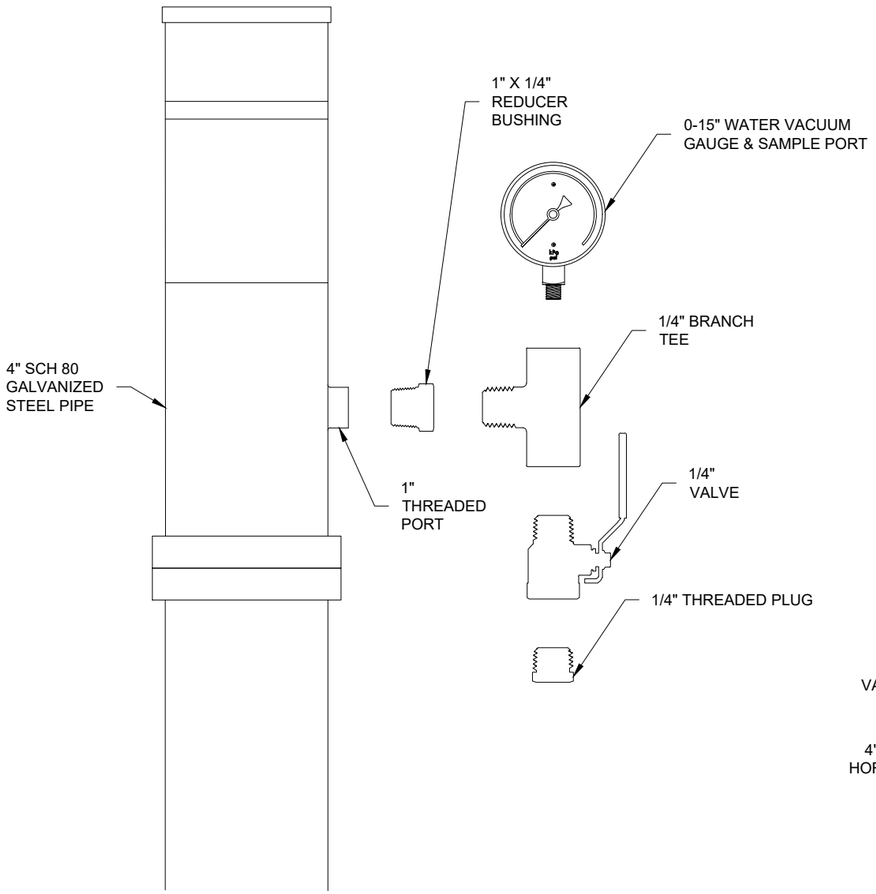
170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
TEL (631) 269-8800
FAX (631) 269-1599

FIGURE 2 – Sub-Slab

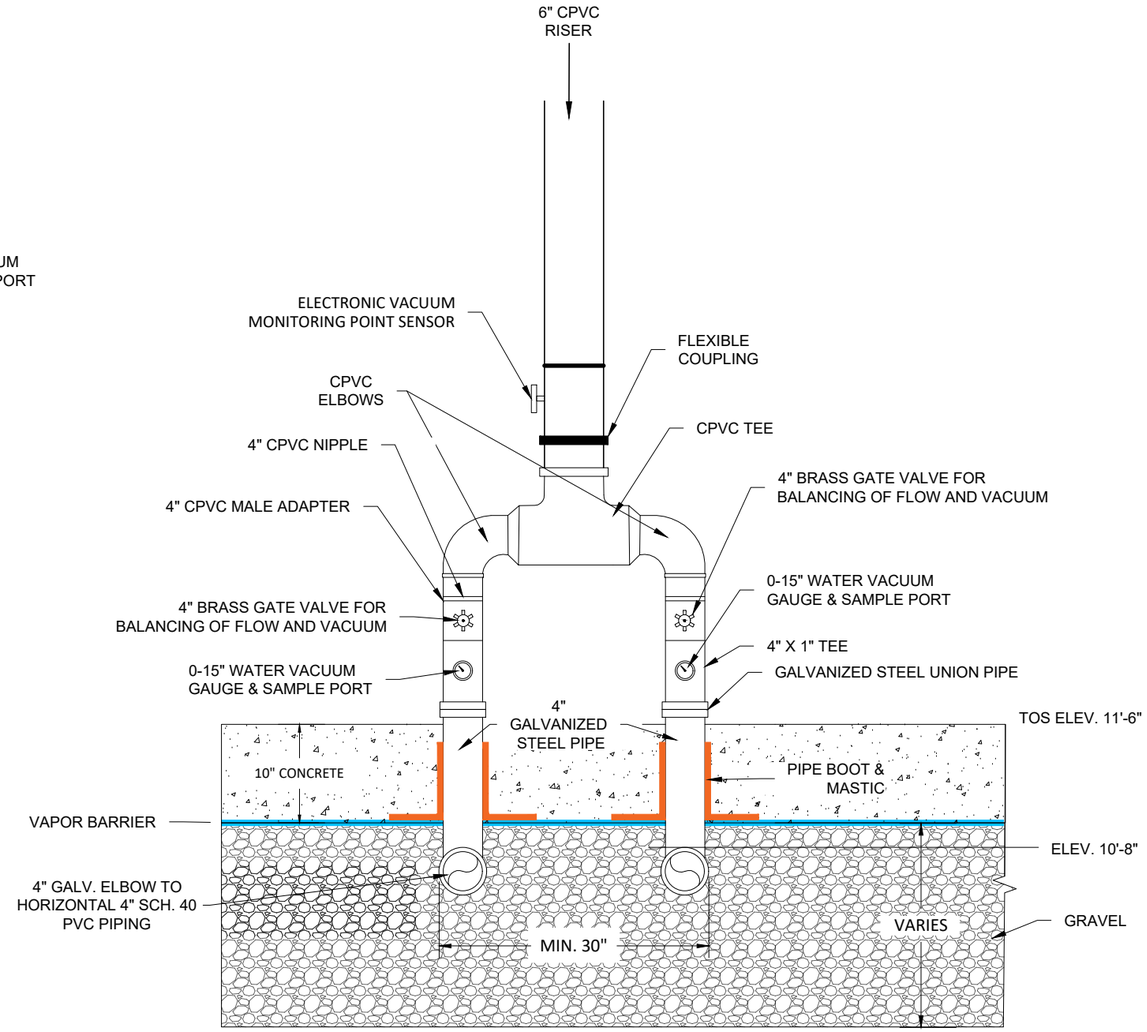
Depressurization System

Diagram

318 Nevins Street, Brooklyn, NY



1 SSDS DETAIL
N.T.S.



2 SSDS HEADER DETAIL
N.T.S.

NOTES:

1. BLUE FIN BRB100-25 1" X $\frac{1}{4}$" REDUCER BUSHING
2. DWYER SERIES LPG5 2.5" LOWER PRESSURE GAUGE
3. PARKER 2224P-4 $\frac{1}{4}$" F X $\frac{1}{4}$" F X $\frac{1}{4}$" M BRASS BRANCH TEE

SUB-SLAB DEPRESSURIZATION SYSTEM

318 Nevins Street
Brooklyn, New York

Figure No: 19C

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	HB
DATE:	1/29/2026
SCALE:	N.T.S.

REVISIONS

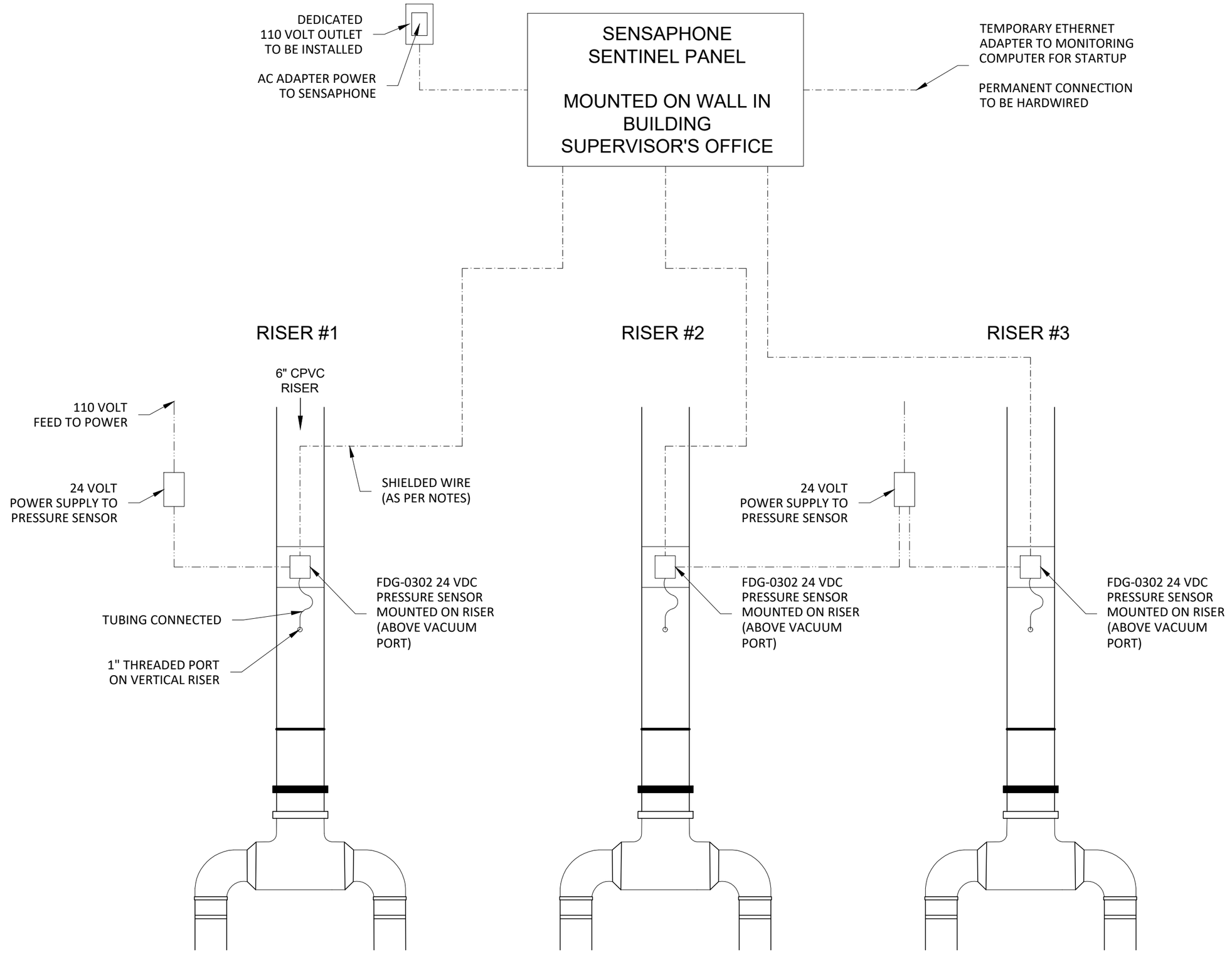
IMPACT ENVIRONMENTAL ENGINEERING AND GEOLOGY PLLC
170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
TEL (631) 269-8800
FAX (631) 269-1599

FIGURE 3 – Sub-Slab

Depressurization System

Diagram

318 Nevins Street, Brooklyn, NY



NOTES:

1. One SCD–1200 Sensaphone. To be mounted in building supervisor's office. Requires 110 Volt outlet for AC adapter.
2. Three FDG–0302 Pressure Sensors to be installed. One sensor on each riser to the individual roof–mounted blowers.
3. Two FGD 24VDC Power supplies. Each capable of feeding two pressure sensors.
4. Ethernet to Wi–Fi. Adapter for use during startup and testing of SSDS only. Permanent Sensaphone connection to the monitoring computer should be hardwired using high quality CAT6A cable.
5. All wiring shall be performed in accordance with the General Wiring Consideration included in the Sentinel Installation and Setup Guide provided with the Sensaphone unit (including wire sizes, use of shielded wire, separation of power, and sensor wires).

SUB-SLAB DEPRESSURIZATION SYSTEM MONITORING PANEL DETAIL

318 Nevins Street
Brooklyn, New York

Figure No: 19D

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	HB
DATE:	1/30/2026
SCALE:	N.T.S.

REVISIONS

IMPACT ENVIRONMENTAL ENGINEERING AND GEOLOGY PLLC
170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
TEL (631) 269-8800
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Appendix A – SSDS Operation

and Maintenance Forms

318 Nevins Street, Brooklyn, NY

MONTHLY SUPER SYSTEM INSPECTION FORM
38-15 Queens Boulevard, Queens, NY

Inspector Name:	**Date:**

Is the blower running? yes or no (*circle one*) If off, immediately notify an emergency contact. Is the SSDS Fan running? yes or no (*circle one*) If off, immediately notify an emergency contact.

Are there any unusual odors, spills or leaks noted in system? yes or no (*circle one*)
If yes, plans for repair:

Date of last quarterly moisture separator tank and moisture sump inspection and clean-out.

Describe location and quantity of material removed.

	Flow Rate in Accepted Range?	**Vacuum In Accepted Range?**
SSDS East	☐ YES ☐ NO	☐ YES ☐ NO
SSDS West	☐ YES ☐ NO	☐ YES ☐ NO
SVE East	☐ YES ☐ NO	☐ YES ☐ NO
SVE West	☐ YES ☐ NO	☐ YES ☐ NO
SVE South	☐ YES ☐ NO	☐ YES ☐ NO
	☐ YES ☐ NO	☐ YES ☐ NO
		(Magnehelic 7 to 9 "H_2O)
Combined - Before Tank	NA	☐ YES ☐ NO
Combined - After Tank	NA	☐ YES ☐ NO

Comments:

* If readings are outside of the ranges indicated, inspect and clean out moisture tank and sumps. If readings still outside of range, inform emergency contacts below.

Emergency Contact Information

Name	**Title**	**Contact Numbers**
Jon Tarabokija	BB Manager/ Supervisor	201-783-6078 (direct)
Daniel Fruhauf	IEC Project Manager	631-269-8800 (office) 631-901-2470 (cell)

OM&M Log Sheet, Sub-Slab Depressurization System

Date: _____
Time: _____
Technician: _____

When on site for other routine ***monthly*** *OM&M, record data included on* ***pages 1 and 2*** *of this quarterly OM&M Log Sheet/Checklist.*

SYSTEM STATUS

System operational? *(screen indicating system in "AUTO" or "MANUAL")* _____

Alarms? (List) _____

SYSTEM PARAMETER	ID	Gauge Reading		PID	Reading	
			(in. W.C.)			(in. W.C.)
			(°F)			(°F)
			(°F)			(°F)
			(in. W.C.)			(cfm)
			(in. W.C.)			(in. W.C.)
			(in. W.C.)			
			(in. W.C.)			
			(in. W.C.)			

METEOROLOGICAL DATA

Ambient Outdoor Temperature (°F): _____

Ambient Indoor Temperature (°F): _____

Barometric Pressure (in. Hg): _____

Barometric Pressure Trend: Rising or falling? _____

ADDITIONAL DATA

VFD Frequency (Hz): _____

Influent Vapor Velocity _____ (fpm)

Note position of HX-300 H-O-A switch: _____ (cfm)

Electrical Meter Reading (KWH): _____

Surge Protector Operational? (Y/N): _____

SYSTEM WATER/CONDENSATE INSPECTION

Water present in site gauges? (Y/N) _____

VALVE INSPECTION

Note position of SVE Valves: _____ _____ _____

Are condensate drain valves in closed position? (Y/N) _____

BASEMENT SUMP INSPECTION

Water present in sumps? (Y/N): How much? (est. in inches) _____

OTHER NOTES: _____

OM&M Checklist, Subslab Depressurization System

Date: _____

Time: _____

Technician: _____

When on site for other routine ***monthly*** *OM&M, record data included on* ***pages 1 and 2*** *of this quarterly OM&M Log Sheet/Checklist.*

CRITICAL SYSTEM DEVICE	Device Location	Inspected/Tested (yes/no)	Pass/Fail	Comments/Notes
MCC/MCP Mounted Equipment				
System Disconnect				
Blower H-O-A Switch				
Heat Exchanger H-O-A Switch				
VFD By-Pass Switch				
Backup Battery[1]				
Panel Indicator Lights				
Electrical Hazard Signage				
Electric Meter				
Surge Protection Device				
Process Equipment				
Vacuum Relief Valve (VPGAC)				
Filter Element [VPGAC]				
Field Mounted Equipment				
System Exhaust Vent Screen				
Process Valve Locks/Positions[3]				
Post Blower Piping Connections				
Heat Trace[4]				
Fire Extinguisher				
System Vapor Effluent Stack				

Definitions:

AWS = Air/Water Separator

MCC - motor control center

MCP = main control panel

VPGAC = Vapor Phase Granular Activated Carbon

VT = Vacuum Transmitter

FT = Transmitter

LS = Level Sensor

B = Blower

NA = Not Applicable

VRV = Vacuum Relief Valve

Notes:

[1] UPS battery backup should be replaced at a minimum, annually or as needed.

[2] Filter element F-201should be replaced at a minimum, annually or as needed.

[3] Equipment locations can be found on the process and instrumentation diagram.

[4] Heat trace is only used during winter months.

OM&M Log Sheet, Sub-Slab Depressurization System / SVE

Date: _____
Time: _____
Technician: _____

VAPOR SAMPLING LOCATIONS

Sample Location	PID	Vapor Sample Collected (Y/N)	Condensate Present in Sample (Y/N)	Canister #	Canister Vacuum at Start (in. Hg.)	Canister Vacuum at Finish (in. Hg.)	Sample Time
Effluent (Post-Carbon)							

24 HOUR CONTINUOUS SUBSLAB MONITORING SCHEDULE

VMP Location	First Quarter	Second Quarter	Third Quarter	Fourth Quarter

Definitions:
NR - Not Recorded
SDS - Sub-Slab Depressurization Sump
SP - Sample Port
PID - Piping and Instrumentation Diagram
VOCs - Volatile Organic Compounds
VMP - Vacuum monitoring point
in. Hg. - Inches of mercury

OM&M Log Sheet, Sub-Slab Depressurization System / SVE

Date: _____
Time: _____
Technician: _____

VACUUM MONITORING POINTS	
VMP Location	**Differential Pressure (in. W.C.)**

SUB-SLAB DEPRESSURIZATION Branch/ Legs					
SDS Location	**Induced Vacuum (in. W.C.)**		**Orifice Plate Differential Pressure (in. W.C.)**	**Orifice Plate Differential Pressure Typ. Ranges**	**FCV Position (turns open)**

Definitions:
NR - Not Recorded
SDS - Sub-Slab Depressurization Sump
SP - Sample Port
PID - Piping and Instrumentation Diagram
VOCs - Volatile Organic Compounds
VMP - Vacuum monitoring point
in. Hg. - Inches of mercury

Date: _____

Time: _____

Technician: _____

CRITICAL DEVICE / ALARM POINTS TESTING

Test the following critical alarms *:*

Alarm	Corresponding Transmitter / Sensor	PLC Alarm Name	Alarm Type	Caused PLC Alarm State Change? (Y/N)	Caused System Shutdown? (Y/N)	Passed (Y/N)
	Notes:					
	Notes:					
	Notes:					
	Notes:					
	Notes:					
	Notes:					
	Notes:					
	Notes:					

OM&M Log Sheet, Sub-Slab Depressurization System / SVE

Date: _____

Time: _____

Technician: _____

CRITICAL DEVICE CORRECTIVE ACTION LOG SHEET

Date: Time:

Critical Device Failure:

Device Failure:

Corrective Action:

Appendix H

NAPL Recovery Work Plan

Site Management Plan
NYSDEC BCP #C224350

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
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NAPL RECOVERY MEANS AND METHODS

May 4, 2026

Site:

300-344 Nevins Street
Brooklyn, New York
New York City Tax Map Designation: *Block 439; Lot 1*
NYSDEC BCP Site # C224350

Prepared for:

Gowanus 300 Nevins Street LLC
19 West 24th Street, 12h Floor
New York, NY 10010

Submitted to:

Division of Environmental Remediation
New York State Department of Environmental Conservation
625 Broadway
Albany, New York 12233-7020

IE Project Number:
15977

IMPACT ENVIRONMENTAL ENGINNERING & GEOLOGY, PLLC
| 170 Keyland Court | Bohemia | New York | 11716 | 631.269.8800

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FIGURES

Figure 1: NPL Treatment Areas
Figure 2: NAPL Mobility Assessment Well Locations
Figure 3: Recovery Well Locations

1 INTRODUCTION

Impact Environmental Engineering and Geology, PLLC (IEEG) has prepared this Non-Aqueous Phase Liquid (NAPL) Recovery Means and Methods Plan for 318 Nevins Street, Brooklyn, New York (Site) on behalf of Gowanus 300 Nevins Street LLC, the Volunteer, under the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP) pursuant to a NYSDEC Brownfield Cleanup Agreement (BCA), dated April 29, 2022 (BCP Site No. C224350). This plan describes the proposed recovery efforts of residual coal tar remaining after remediation.

2 BACKGROUND

During the initial Remedial Investigation (RI), NAPL was identified at the Site attributable to the Gowanus Canal National Priorities List (NPL) site and upland sources of bank-stored manufactured gas plant (MGP) coal tar. A supplemental RI was conducted to determine the extent of the MGP coal tar/grossly contaminated material (GCM) and NAPL. GCM in conjunction with MGP coal tar NAPL was present in saturated soils at depths ranging from 20 up to depths of 35 feet beneath the Site. The vertical and horizontal extent of the GCM and upland bank-stored MGP coal tar NAPL were delineated and identified along the bulkhead and in the west/northwest portion of the Site.

During Remedial Action (RA) completed at the Site, NAPL was treated through a combination of source removal, via conventional and casing excavation, and advancement of in-situ stabilization (ISS) treatment columns to a terminal depth of NAVD88 -19 feet (29 ft bgs). Refer to **Figure 1** for NAPL delineation and treatment areas.

2.1 NAPL Mobility Study

The NAPL mobility was evaluated in accordance with a NAPL/GCM Mobility Assessment Work Plan dated February 22, 2023 (revised March 6, 2023). A total of 22 NAPL Mobility Assessment Wells (NMAWs) were installed at the Site in seven (7) well clusters as shown in **Figure 2**. Each 3-well cluster contained a shallow, intermediate and deep well, and one cluster contained an additional deeper well. The total depth and screened interval of each well varied based on location, site grade, and RI soil boring observations. Ten of

the NMAWs contained a 5-foot sump below the base of the well screen. Construction details are summarized below:

Well ID#	GW Depth (ft)	Depth to Bottom of Well (ft)	Screen Interval (ft)	Sump Depth Interval (ft)	NAPL/GCM Depth Interval (ft)	Associated RI / SRI Soil Boring ID#
GW-16a	6-7'	15'	5-15'	NA	35-40'	**SB-16**
GW-16b	6-7'	45'	35-40'	40-45'		
GW-16c	6-7'	55'	45-50'	50-55'		
GW-16d	6-7'	65'	50-60'	60-65'		
GW-17a	6-7'	15'	5-15'	NA	20-30'	**SB-17**
GW-17b	6-7'	35'	20-30'	30-35'		
GW-17c	6-7'	45'	30-40'	40-45'		
NMAW-1A	6-7'	12'	2-12'	NA	23-33'	**SB-17-N3**
NMAW-1B	6-7'	38'	23-33'	33-38'		
NMAW-1C	6-7'	53'	43-53'	NA		
NMAW-2A	6-7'	12'	2-12'	NA	23-30'	**SB-17-N7**
NMAW-2B	6-7'	35'	23-30'	30-35'		
NMAW-2C	6-7'	50'	40-50'	NA		
NMAW-3A	6-7'	12'	2-12'	NA	25-35'	**SB-17-N7E2**
NMAW-3B	6-7'	35'	25-30'	30-35'		
NMAW-3C	6-7'	55'	45-55'	NA		
NMAW-4A	6-7'	12'	2-12'	NA	22-30'	**SB-17-N5E1**
NMAW-4B	6-7'	35'	23-30'	30-35'		
NMAW-4C	6-7'	50'	40-50'	NA		
NMAW-5A	6-7'	12'	2-12'	NA	18.5-31.5'	**SB-17-N2E2**
NMAW-5B	6-7'	36.5'	18.5-31.5'	31.5-36.5'		
NMAW-5C	6-7'	51.5'	41.5-51.5	NA		

A bail down test was conducted at each NMAW between June 5 and 6, 2023. The depth to water (DTW), depth to product (DTP), and depth to bottom (DTB) were measured in each well using an oil/water interface probe. Based on the initial measurements, bail down testing was only performed on two (2) wells (NMAW-1B and NMAW-4B) where NAPL was observed. A dedicated decontaminated bailer was used to extract NAPL from each well until there is minimal volume remaining in the bailer. Once NAPL was substantially removed from the well, DTW and DTP gauging measurements were collected and recorded as the start time of the test and identified as “Pre-Bailing Measurements”. DTW and DTP gauging measurements were then collected in 30-minute intervals for 2 hours and then in 1-hour intervals for 2 additional hours on the following day (6

total gauging events). Based on the findings of the bail down test, NAPL mobility was determined to be minimal at the Site.

2.2 Recovery Well Installation

To address potential residual NAPL that was not captured by the RA, seven (7) recovery wells were installed between March 2 and March 13, 2026. The recovery well locations (**Figure 3**) are distributed in the interstitial areas that could not be excavated due to bulkhead infrastructure. Recovery wells were installed using a track mounted sonic drill rig and are constructed with 6-inch diameter solid stainless steel casing; a 0.01-inch slot, 15 foot screen and a 10-foot solid NAPL collection sump.

Recovery well construction was selected based on the findings of the supplemental RI. NAPL delineation boring logs were reviewed to evaluate the pre-remediation horizons of NAPL saturation where there may be the potential for post remedial recoverable NAPL. The required treatment/remediation terminal depth of -19 NAVD88 was required in accordance with the Decision Document (DD) based on the elevation of the ISS cap in the Gowanus Canal. In addition, the cross sections depict the average NAPL source removal treatment depth boundary line at -25 NAVD88. The NAPL source removal remedial action for grids EP-6 through EP-15 resulted in the removal of the majority of the target NAPL horizon from -9 NAVD to the terminal treatment depths with an average of -25 NAVD88.

2.3 NAPL Monitoring and Recovery

Each recovery well will be gauged quarterly using an interface probe. If NAPL is detected, a disposable polyethylene bailer will be used to visually confirm the NAPL and to manually remove the NAPL to the extent practicable. Recovered NAPL will be stored in labeled, 55-gallon steel drums at a secure location on the Site pending characterization for transport and off-site disposal. It should be noted that if odors are encountered during NAPL recovery, Remedia ™ odor eliminator, or equivalent will be stored on-Site to neutralize odors. If manual recovery is determined to be insufficient, alternative recovery methods may be employed, such as Enhanced Fluid Recovery (EFR) via vacuum truck.

2.4 Odor Control Plan for NAPL Recovery

The NAPL recovery wells installed at the Site are located along the Gowanus Canal waterfront public walkway, an open, publicly accessible setting. If NAPL is within the wells, it will consist of manufactured gas plant (MGP) coal tar and associated grossly contaminated material, this type of material can potentially release hydrocarbon, naphthalene and sulfur-related odors during gauging, bailing, NAPL recovery, and drum handling activities. Due to the recovery wells proximity to the public walkway, an odor control plan has been established to prevent off-site odor mitigation, protect pedestrians and adjacent occupants and minimize

community impact during NAPL recovery operations.

Remedia ™ odor eliminator, or equivalent will be present on-Site during field NAPL recovery activities to neutralize odors, if warranted. Remedia is a water-based, biodegradable product formulated to chemically neutralize odors associated with hydrocarbons, sulfur, and PAHs.

If odors are encountered during gauging, bailing, NAPL recovery, and drum handling activities, Remedia ™ will be applied to using methods outlined in Section 2.4.1. The product will be mobilized during the field activities or stored in a dedicated, secure on-site location for use.

2.4.1 Application Methods

Remedial will be used in one or more of the following methods, the method selected will be based on field conditions:

- Pre-treatment misting: A low-pressure handheld or backpack atomizing sprayer will be used to mist a Remedia/water solution over the well headspace and the immediate work area prior to opening each well cap.
- Direct dosing of recovered NAPL: Remedia will be added to the 55-gallon storage drum after each transfer of recovered NAPL, and the drum will be promptly sealed.
- Equipment and PPE rinse: Disposable bailers, interface probes and used PPE will be rinsed or wiped with Remedia solution prior to placement in sealed containment bags or drums.
- Perimeter misting: If ambient odors are detected during work, additional Remedia mist will be applied along the downwind perimeter of the work zone, between the active well and the public walkway.

2.4.2 Work Practices to Minimize Odor Generation

- Recovery activities will be scheduled, where practical, to avoid peak pedestrian usage of the waterfront walkway.
- Wind direction will be confirmed before each well event; work will be sequences, to the extent practical, so that public areas remain upwind of the active well.
- Wells will remain open only for the minimum time necessary to gauge and if necessary bail. Caps will be replaced between activities.
- Drums of recovered ANPL will be sealed immediately after each transfer and will not remain open between bailing events.

- The ground surface within the active work zones, drum staging area, and NAPL transfer points will be covered with 6-mil polyethylene sheeting and secured against wind and foot traffic. Drip pans or secondary containment trays will be placed beneath each drum and beneath the bailer transfer point during NAPL handling.
- Prior to the start of work at each well, the work zone will be delineated using hazard cones, caution tape, and work zone signage to establish a clear pedestrian exclusion area along the public walkway. A minimum buffer will be maintained between the work zone and pedestrian travel paths, and a field technician will be stationed to redirect pedestrians as needed.
- In the event of an accidental spill or drip, work will be paused and the affected area will be immediately covered with granular absorbent and treated with Remedia™ to suppress odors. Used absorbent, impacted polyethylene, disposable bailers, and contaminated PPE will be promptly placed in sealed, labeled drums or contractor-grade poly bags and stored with the recovered NAPL drums pending characterization and off-Site disposal. At the end of each work shift, the work area will be visually inspected and odor-screened before demobilization to confirm no residual impact remains accessible to the public.

2.4.3 Contingency and Notification

If odor complaints are received from the public or adjacent property users, IEEG will immediately suspend recovery work, document the complaint, evaluate the source, and implement additional corrective measures prior to resuming. NYSDEC and NYSDOH will be notified. All odor events, corrective actions, monitoring data and Remedia usage will be recorded within a field log and summarized within quarterly NAPL recovery reporting.

3 Target Goals for Completion

The NAPL recovery will continue to be recovered until otherwise approved by the DEC.

PROJECT NORTH

GOWANUS CANAL 100'WIDE

MEAN HIGH WATER (MHW) EL.4.73

PROPERTYLINE

EP-6 EP-7 EP-8 EP-9 EP-10 EP-11 EP-12 EP-13 EP-14 EP-15

EP-21 EP-22 EP-23 EP-24 EP-25 EP-26 EP-27 EP-28 EP-29 EP-30

EP-36 EP-37 EP-38 EP-39 EP-40 EP-41 EP-42 EP-43 EP-44 EP-45

EP-51 EP-52 EP-53 EP-54 EP-55 EP-56 EP-57 EP-58 EP-59 EP-60

EP-66 EP-67 EP-68 EP-69 EP-70 EP-71 EP-72 EP-74 EP-75

EP-81 EP-82 EP-83 EP-84 EP-85 EP-86 EP-87 EP-89

0' 25' 50'

UNION STREET 80'WIDE

LEGEND

- PROPERTY BOUNDARY
- ISS TREATMENT AREA
- ALTERNATIVE (SOURCE REMOVAL) NAPL TREATMENT AREA

NOTES:

FIGURE 1:
NAPL TREATMENT AREAS

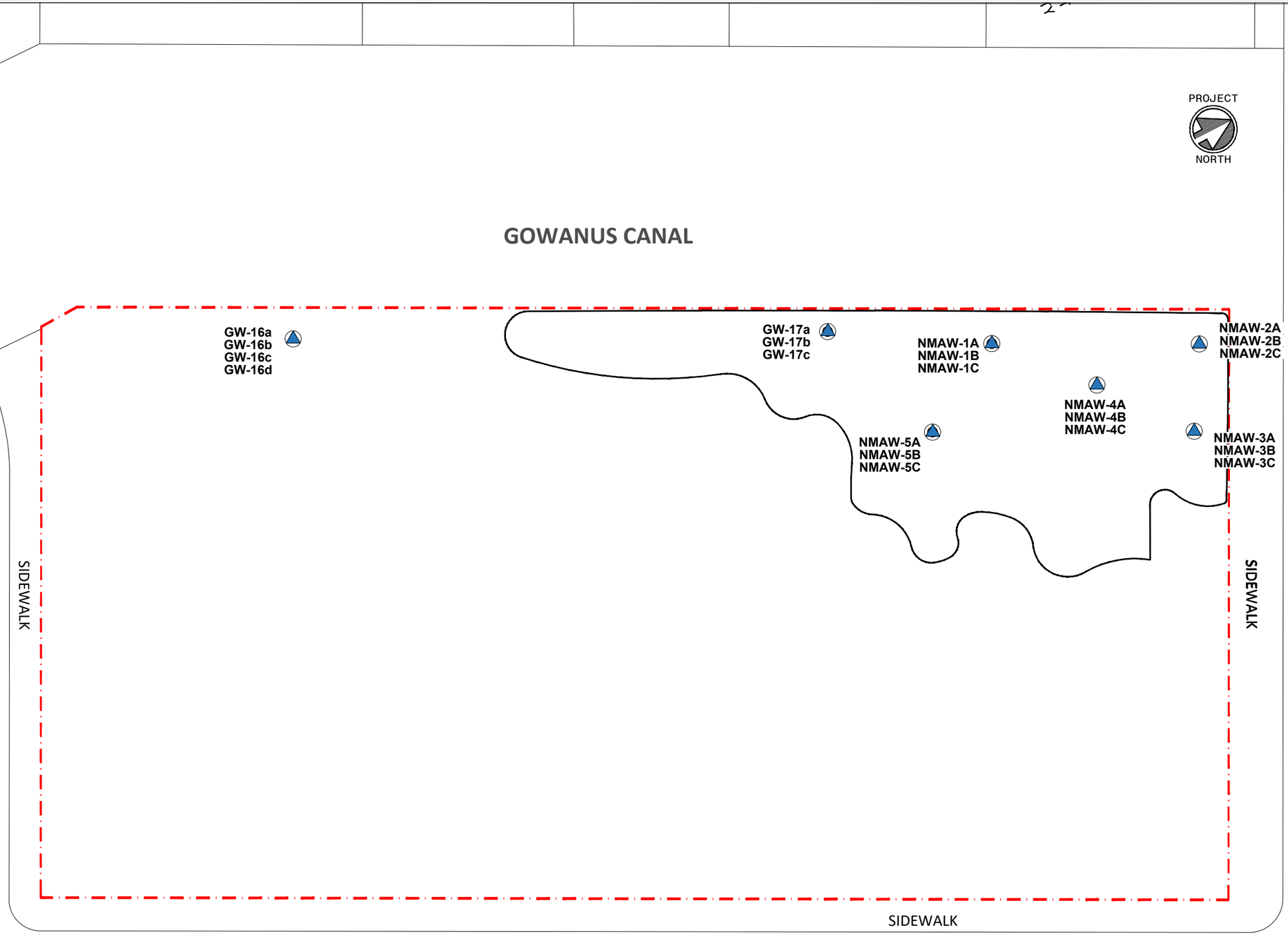
300 Nevins Street
Brooklyn, New York
BLOCK: 439 LOT: 1 & 10

Figure 1

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	KK
DATE:	3/10/2026
SCALE:	1" = 25'

REVISIONS

IMPACT ENVIRONMENTAL ENGINEERING AND GEOLOGY PLLC
170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
TEL (631) 269-8800
FAX (631) 269-1599



LEGEND

- PROPERTY LINE
- NAPL TREATMENT AREA
- NAPL MOBILITY ASSESSMENT WELL LOCATION

0' 40' 80'

NOTES:

NAPL MOBILITY ASSESSMENT WELL LOCATIONS

318 Nevins Street
Brooklyn, New York

Figure 2

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	JDF
DATE:	04/23/2026
SCALE:	1" = 40'

REVISIONS

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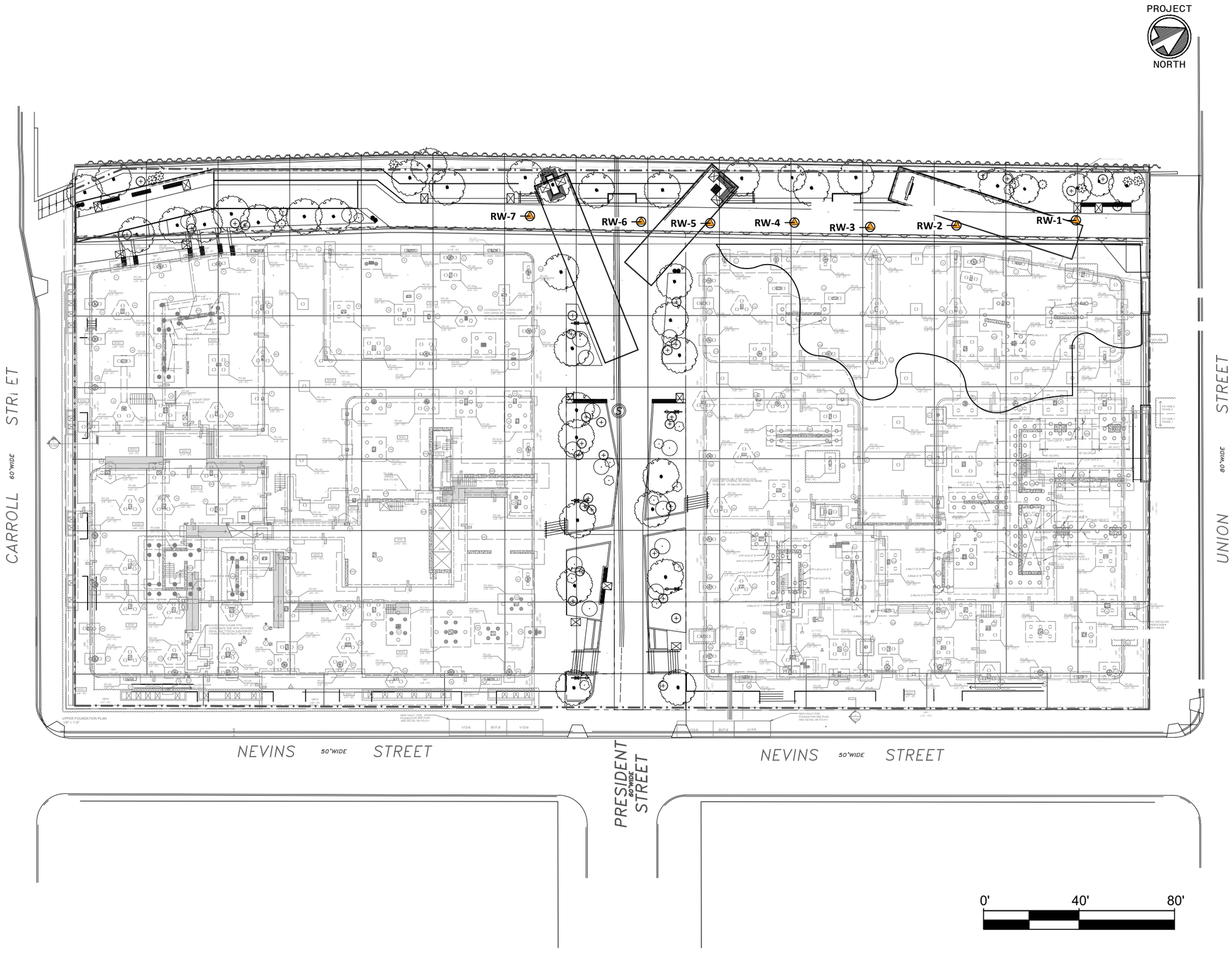

LEGEND

RECOVERY WELL LOCATION

FIGURE 3:
RECOVERY WELL ALOCATIONS

300 Nevins Street
Brooklyn, New York
BLOCK: 439 LOT: 1 & 10

Figure 3

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	KK
DATE:	2/10/2026
SCALE:	1" = 40'

REVISIONS

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Appendix I

Quality Assurance Project Plan

Site Management Plan
NYSDEC BCP #C224350

IMPACT ENVIRONMENTAL
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QUALITY ASSURANCE PROJECT PLAN

May 10, 2022/Updated February 12, 2025

Submitted for:

318 Nevins Street
300-344 Nevins Street/498 Union Street/417 Carroll Street (also known as 318 Nevins Street)
Brooklyn, New York
County Tax Map Designation: *Block 439; Lots 1 & 10*

Submitted to:

New York State Department of Envrionmental Remediation, Region 2
Division of Environmental Remediation
625 Broadway
Albany, New York 12233-7016

Report user:

Gowanus Nevins North LLC &
Gowanus Nevins South LLC
19 West 24th Street, 12th Floor
New York, NY, 10010

Project Number:
15977

IMPACT ENVIRONMENTAL | 170 Keyland Court | Bohemia | New York | 11716 | 631.269.8800

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APPENDICES

Appendix A: Field Operating Procedures

1 INTRODUCTION

Impact Environmental Engineering & Geology PLLC., (IEEG), was retained by Gowanus Nevins North LLC & Gowanus Nevins South LLC to prepare a Site Management Plan (SMP) as part of the Brownfield Cleanup Program (BCP) for Site C224350, located at 300-344 Nevins Street/498 Union Street/417 Carroll Street (also known as 318 Nevins Street), Brooklyn, New York in accordance with the provisions of the New York State Department of Environmental Conservation's (NYSDEC) Subpart 375-3.

This update to the Quality Assurance Project Plan (QAPP) provides an outline of the field and laboratory procedures that will be used during any future intrusive activities for the Site under the Site Management Plan (SMP). The QAPP is used to ensure the data it collects and analyzes meets project requirements.

The QAPP will assure the accuracy and precision of data collection during activities conducted under the SMP. The QAPP identifies procedures for sample collection to mitigate the potential for cross-contamination, as well as analytical requirements necessary to allow for independent data validation. A Sampling and Analysis Plan (SAP) identifying methods for sample collection, decontamination, handling and shipping, is provided in the following sections.

This QAPP has been prepared in accordance with USEPA's Requirements for Quality Assurance Project Plans for Environmental Data Operations; the EPA Region II CERCLA Quality Assurance Manual, and NYSDEC's DER-10 Technical Guidance for Site Investigation and Remediation (May 2010).

1.1 Scope and Goals

This QAPP has been prepared to support the activities planned or conducted for the Site under the SMP. This QAPP was prepared to provide quality assurance (QA) guidelines to be implemented during future activities conducted under the SMP to fulfill the remedial action goals for the Site. This document may be modified for subsequent phases of investigative or remedial work, as necessary. The QAPP provides:

- A means to communicate to the individuals executing the various activities exactly what is to be done, by whom, and when.
- A culmination to the planning process that ensures that the program includes provisions for obtaining quality data (e.g., suitable methods of field operations).
- A historical record that documents the investigation in terms of the methods used, calibration standards and frequencies planned, and auditing planned.
- A document that can be used by the Project Manager's and QA Officer to assess if the activities planned are being implemented and their importance for accomplishing the goal of

quality data.

- A plan to document and track project data and results.
- Detailed descriptions of the data documentation materials and procedures, project files, and tabular and graphical reports.

The QAPP is primarily concerned with the quality assurance (QA) and quality control (QC) aspects of the procedures involved in the collection, preservation, packaging, and transportation of samples; field testing; record keeping; data management; chain-of-custody procedures; laboratory analyses; and other necessary matters to assure that the investigation activities, once completed, will yield data whose integrity can be defended.

QA refers to the conduct of all planned and systematic actions necessary to perform satisfactorily all task-specific activities and to provide information and data confidence as a result of such activities. The QA for task-specific activities includes the development of procedures, auditing, monitoring and surveillance of the performance.

QC refers to the activity performed to determine if the work activities conform to the requirements. This includes activities such as inspections of the work activities in the field (e.g., verification that the items and materials installed conform to applicable codes and design specifications). QA is an overview monitoring of the performance of QC activities through audits rather than first time inspections.

1.2 Cleanup Criteria and Laboratory Reporting Limits

The following cleanup criteria for soil and groundwater that will be used for evaluation of sampling analytical data collected under the SMP are as follows:

Groundwater:	6 NYCRR Part 703 Groundwater Quality Standards and the NYSDEC Division of Water Technical and Operational Guidance Series (TOGS) 1.1.1 Ambient Water Quality Standards and Guidance Values.

The following criteria will be used for evaluation of the soil vapor sample analytical data collected under the SMP are as follows:

Soil Vapor:	NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York and Subsequent Final Guidance Updates Air Guidance Values and Matrices.

For the emerging contaminants 1,4-Dioxane, and Per/Polyfluoroalkyl substances (PFAS), the New York State Department of Environmental Conservation (NYSDEC) and the New York State Department of Health (NYSDOH), in accordance to the recommendation of the New York State Drinking Water Council, are adopting drinking water maximum contaminant levels (MCLs) of 10 parts per trillion (ppt) for PFAS Substances and 1 part per billion (ppb) for 1,4-Dioxane (effective December 18, 2018). No soil cleanup standards have been established in New York State. Soil vapor sampling for 1,4-Dioxane and PFAS is not required.

The environmental analytical laboratory selected for activities conducted under the SMP must have reporting limits that are low enough to meet the above referenced cleanup standards. As part of project planning and throughout the project life cycle, the environmental consultant will maintain close communication with the contracted laboratory to convey the necessity for establishing and achieving data reporting goals. Additional information regarding the contracted lab and reporting limits are provided in Section 4.6.

2 QAPP ORGANIZATION AND RESPONSIBILITY

The principal organizations involved in verifying achievement of data collection goals for the Site include: the NYSDEC, NYSDOH, Volunteer, Consultant, drilling subcontractor(s), independent environmental laboratory(s) and the independent third-party data validator(s). Roles, responsibilities, and required qualifications of these organizations are discussed in the following subsections.

2.1 NYSDEC and NYSDOH

It is the responsibility of the NYSDEC, in conjunction with NYSDOH, to review the SMP and supporting documents, for completeness and conformance with the site-specific cleanup objectives and to make a decision to accept or reject these documents based on this review. The NYSDEC also has the responsibility and authority to review and approve all QA documentation collected during brownfield cleanup construction and to confirm that the QA Plan was followed.

2.2 Volunteer

Gowanus Nevins North LLC & Gowanus Nevins South LLC ("Volunteer") will be responsible for complying with the QA requirements as specified herein and for monitoring and controlling the quality of the Brownfield cleanup construction either directly or through their designated environmental consultant and/or legal counsel. The Volunteer will also have the authority to select Remedial Action Contractor(s) to assist them in fulfilling these responsibilities. The designated Project Manager is responsible for implementing the project and has the authority to commit the resources necessary to meet project objectives and requirements.

2.3 Environmental Consultant

The prime consultant selected on this project is responsible for the performance of the services required to implement the SMP, including, but not limited to, field operations, laboratory testing, data management, data analysis and reporting. Any one member of the prime consultant's staff may fill more than one of the identified

project positions (e.g., field team leader and site safety and health officer). The various quality assurance, field, laboratory and management responsibilities of key project personnel are defined below.

Project Manager (PM):

The Consultant's PM has the responsibility for ensuring that the project meets the Work Plan objectives. The PM will report directly to Volunteer's Project Coordinator and the NYSDEC/NYSDOH Project Coordinators and is responsible for technical and project oversight. The PM will:

- Define project objectives and develop a detailed work plan schedule.
- Establish project policy and procedures to address the specific needs of the project as a whole, as well as the objectives of each task.
- Acquire and apply technical and corporate resources as needed to assure performance within budget and schedule constraints.
- Develop and meet ongoing project and/or task staffing requirements, including mechanisms to review and evaluate each task product.
- Review the work performed on each task to assure its quality, responsiveness, and timeliness.
- Review and analyze overall task performance with respect to planned requirements and authorizations.
- Review and approve all deliverables before their submission to NYSDEC.
- Develop and meet ongoing project and/or task staffing requirements, including mechanisms to review and evaluate each task product.
- Ultimately be responsible for the preparation and quality of interim and final reports.
- Represent the project team at meetings.

Field Team Leader (FTL):

The Field Team Leader (FTL) has the responsibility for implementation of specific project tasks identified at the Site and is responsible for the supervision of project field personnel, subconsultants, and subcontractors. The FTL reports directly to the Project Manager. The FTL will:

- Define daily work activities.
- Orient field staff concerning the project's special considerations.
- Monitor and direct subcontractor personnel.
- Review the work performed on each task to ensure its quality, responsiveness, and timeliness.
- Assure that field activities, including sample collection and handling, are carried out in accordance

with this QAPP.

Field Personnel (FS):

The field personnel hold a minimum of a bachelor's degree in a relevant natural or physical science or engineering. The field personnel will complete the collection of environmental samples from the Site in accordance with the requirements of the remedial investigation work plan and the QAPP and oversee subcontractor work. The field personnel will:

- Implement sample collection protocols in accordance with applicable procedures for soil vapor and groundwater sample collection.
- Ensure quality control procedures are being implemented.
- Ensure adherence to and successful completion of RIWP tasks.
- Oversee subcontractors to ensure field work is completed in accordance with the RAWP and QAPP.
- Record field notes and provide daily updates on work progress.

2.4 Quality Assurance (QA) Responsibilities

The QA Officer will have direct access to corporate executive staff as necessary, to resolve any QA dispute, and is responsible for auditing the implementation of the QA program in conformance with the demands of specific investigations, policies, and NYSDEC requirements. The QA Officer has sufficient authority to stop work on the investigation as deemed necessary in the event of serious QA issues.

Project QA Officer:

Specific function and duties include:

- Performing QA audits on various phases of the field operations
- Reviewing and approving QA plans and procedures
- Providing QA technical assistance to project staff
- Reporting on the adequacy, status, and effectiveness of the QA program on a regular basis to the Project Manager for technical operations
- Responsible for assuring third party data review of all sample results from the analytical lab

2.5 Field Responsibilities

Field staff for any work conducted under the SMP will be drawn from a pool of qualified resources. The Project Manager will use staff to gather and analyze data, and to prepare various task reports and support materials. The designated technical team members are experienced professionals who possess the degree of specialization and technical competence required to effectively and efficiently perform the required work.

3 QUALITY ASSURANCE OBJECTIVES FOR MEASUREMENT DATA

The overall objectives and criteria for assuring quality for this effort are discussed below. This QAPP addresses how the acquisition and handling of samples and the review and reporting of data will be documented. The objectives of this QAPP are to address the following:

- The procedures to be used to collect, preserve, package, and transport groundwater samples.
- Field data collection.
- Record keeping.
- Data management
- Chain-of-custody procedures.
- Precision, accuracy, completeness, representativeness, decision rules, comparability and level of quality control effort conformance for sample analysis and data management by Pace Analytical under EPA analytical methods.

3.1 Level of QC Effort for Sample Parameters

Field blank, method blank, trip blank, field duplicate, laboratory duplicate, laboratory control, standard reference materials (SRM) and matrix spike samples will be analyzed to assess the quality of the data resulting from the field sampling and analytical programs. QC samples are discussed below.

- Field and trip blanks consisting of distilled water will be submitted to the analytical laboratories to provide the means to assess the quality of the data resulting from the field-sampling program. Field (equipment) blank samples are analyzed to check for procedural chemical constituents at the facility that may cause sample contamination. Trip blanks are used to assess the potential for contamination of samples due to contaminant migration during sample shipment and storage.
- Method blank samples are generated within the laboratory and used to assess contamination resulting from laboratory procedures.
- Duplicate samples are analyzed to check for sampling and analytical reproducibility.
- MS/MSD and MS/Duplicate samples provide information about the effect of the sample matrix on the digestion and measurement methodology. Depending on site-specific circumstances, one MS/MSD or MS/Duplicate should be collected for every 20 or fewer investigative samples to be analyzed for organic and inorganic chemicals of a given matrix.

The general level of QC effort will be one field (blind) duplicate and one field blank (when non-dedicated equipment is used) for every 20 or fewer investigative samples of a given matrix. Additional sample volume will

also be provided to the laboratory to allow site-specific MS/MSD or MS/Duplicate for every 20 or fewer investigative samples of a given matrix. One trip blank consisting of distilled, deionized water will be included along with each sample delivery group of aqueous VOC samples.

4 SAMPLING AND ANALYSIS PLAN

Methods and protocols to be used to collect environmental samples (i.e., soil vapor and groundwater) under the SMP are described in the Field Operating Procedures (FOPs) presented in **Appendix A**.

To the extent allowed by existing physical conditions at the Site, sample collection efforts will adhere to the specific methods presented herein. If alternative sampling locations or procedures are implemented in response to facility specific constraints, each will be selected on the basis of meeting data objectives. Such alternatives will be approved by NYSDEC before implementation and subsequently documented for inclusion in the project file.

4.1 Custody Procedures

Sample custody is controlled and maintained through the chain-of-custody procedures. Chain of custody is the means by which the possession and handling of samples will be tracked from the source (field) to their final disposition, the laboratory. A sample is considered to be in a person's custody if it is in the person's possession or it is in the person's view after being in his or her possession or it was in that person's possession and that person has locked it in a vehicle or room. Sample containers will be cleaned and preserved at the laboratory before shipment to the Site. The following sections and FOPs for Sampling, Labeling, Storage, and Shipment, describe procedures for maintaining sample custody from the time samples are collected to the time they are received by the analytical laboratory.

4.2 Sample Storage

Samples are stored in secure limited-access areas. Walk-in coolers or refrigerators are maintained at 4°C, 2°C, or as required by the applicable regulatory program. The temperatures of all refrigerated storage areas are monitored and recorded a minimum of once per day. Deviations of temperature from the applicable range require corrective action, including moving samples to another storage location if necessary.

4.3 Sample Custody

Sample custody is defined by this document as when any of the following occur:

- It is in someone's actual possession.
- It is in someone's view after being in his or her physical possession.

- It was in someone's possession and then locked, sealed or secured in a manner that prevents unsuspected tampering.
- It is placed in a designated and secured area.

Samples are removed from storage areas by the sample custodian or analysts and transported to secure laboratory areas for analysis. Access to the laboratory and sample storage areas is restricted to laboratory personnel and escorted visitors only; all areas of the laboratory are therefore considered secure. If required by the applicable regulatory program, internal chain-of-custody is documented in a log by the person moving the samples between laboratory and storage areas.

Laboratory documentation used to establish COC and sample identification may include the following:

- Field COC forms or other paperwork that arrives with the sample.
- The laboratory COC.
- Sample labels or tags are attached to each sample container.
- Sample custody seals.
- Sample preparation logs (i.e., extraction and digestion information) recorded in hardbound laboratory books that are filled out in legible handwriting and signed and dated by the chemist.
- Sample analysis logs (e.g., metals, GC/MS, etc.) recorded in hardbound laboratory books that are filled out in legible handwriting and signed and dated by the chemist.
- Sample storage log (same as the laboratory COC).
  Sample disposition log, which documents sample disposal by a contracted waste disposal company.

4.4 Sample Tracking

All samples are maintained in the appropriate coolers prior to and after analysis. The analysts remove and return their samples as needed. Samples that require internal COC are relinquished to the analysts by the sample custodians. The analyst and sample custodian must sign the original COC relinquishing custody of the samples from the sample custodian to the analyst. When the samples are returned, the analyst will sign the original COC returning sample custody to the sample custodian. Sample extracts are relinquished to the instrumentation analysts by the preparatory analysts. Each preparation department tracks internal COC through their logbooks/spreadsheets. Any change in the sample during the time of custody will be noted on the COC (e.g., sample breakage or depletion).

4.5 Field Instrument Calibration

This section describes the calibration procedures and the frequency at which these procedures will be performed for instruments.

4.5.1 Instrument Calibration and Tuning

Calibration of instrumentation is required to ensure that the analytical system is operating correctly and functioning at the proper sensitivity to meet established reporting limits. Each instrument is calibrated with standard solutions appropriate to the type of instrument and the linear range established for the analytical method. The frequency of calibration and the concentration of calibration standards is determined by the manufacturer's guidelines, the analytical method, and/or laboratory's internal Quality Assurance Plan.

4.5.2 Field Instrument Calibration

Calibration of the field instruments will be completed prior to each day's use in accordance with the manufacturer's instructions. The field equipment will be maintained, calibrated and operated in a manner consistent with the manufacturer's guidelines and standard use methods. Quantitative field measurements will be limited to organic vapor readings (Photoionization Detector); pH, conductivity, turbidity, specific conductance, temperature, dissolved oxygen (Horiba); and depth to water (interface probe). The calibration procedures will be conducted at a minimum frequency of once per day with the exception of the interface probe which does not require calibration. Records of calibration, repair or replacement will be filed and maintained by the Field Team Leader.

4.6 Analytical Procedures

Any lab that will be utilized for analysis of any soil vapor or groundwater samples collected under the SMP will be certified by the NYSDOH Environmental Laboratory Approval Program (ELAP). The laboratory analyses will be in accordance with the most recent version of the NYSDEC Analytical Services Protocol (ASP) and the laboratory's internal Quality Assurance Plan. The lab will provide a Category B data deliverable.

The analytical methods used for samples collected to delineate contaminants during sampling conducted under the SMP include:

Analytical Methods for Soil Vapor Samples	
TO-15	VOCs

Analytical Methods for Groundwater/Aqueous Samples	
USEPA Method 8260C	TCL VOCs + TICs
USEPA Method 8270D	TCL SVOCs + TICs
USEPA Method 537 (M) – Isotope Dilution	NY List PFAS
USEPA 8270D-SIM	1,4-Dioxane
USEPA 8082A (LVI)	TCL PCBs
USEPA 8082B	TCL Pesticides
7196A	Hexavalent Chromium
9010C/9012B	Total Cyanide
6020B	TAL Metals
7470A	Total Mercury

All other reporting and deliverables (i.e. waste characterization samples, geochemistry data for remedial action evaluation) will be in accordance with Standard Laboratory Procedure.

4.7 Data Usability Evaluation

The analytical laboratory data package will be validated by an independent/third-party data validator subcontractor, in accordance with the NYSDEC Division of Environmental Remediation DER-10, Appendix 2B(b) DEC Analytical Services Protocol Category B Data Deliverable.

4.7.1 Procedures Used to Evaluate Data Usability

The sample analytical data for each sample matrix shall be evaluated and include, but are not limited to:

- Lab Report Narrative Review
- Data Package Completeness and COC records
- Sample Preservation and Holding Times
- Initial and Continuing Calibration
- QC Blanks
- Laboratory Control Sample/Laboratory Control Sample Duplicate (LCS/LCSD)
- Matrix Spike/Matrix Spike Duplicates (MS/MSD)
- Surrogate Spikes
- Internal Standard Response and Retention Times
- Laboratory Duplicates
- Field Duplicates
- Raw Data (chromatograms), Calculation Checks and Transcription Verifications
- Reporting Limits

4.7.2 Data Usability Summary Report (DUSR)

The DUSR will provide an evaluation of the analytical data to determine whether the data meets the criteria of a NYSDEC ASP Category B data deliverable and meets the data quality objectives for the project.

Appendix J

Site Management Forms

Site Management Plan
NYSDEC BCP #C224350

IMPACT ENVIRONMENTAL
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Bohemia, New York 11716
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ENGINEERING CONTROLS ANNUAL INSPECTION REPORT - 2025

Prepared By: _____

WEATHER	Snow		Rain		Overcast		Partly Cloudy		Bright Sun	
TEMP.	< 32		32-50		50-70		70-85		>85	

NYSDEC #	CC224350			**Date**:	
Project Name:	318 Nevins Street, Brooklyn, NY				

Environmental Consultant:	**Property Manager:**

Inspection Narrative:

Pursuant to the Site Management Plan (SMP) Environmental Engineering and Geology, PLLC (IEEG) conducted an inspection of the employed Engineering Control (EC) installed to ensure permanent protection of public health from residual materials remaining on site on _____. This site has one (4) Engineering Control Systems:

- Composite Cover System:
  - The composite cover system is comprised of six (6) inches of gravel subbase overlain by 16-inches of concrete slab. The mat slab consists of a minimum of 38 inches to a maximum of 50 inches and is also underlain by six (6) inches of gravel subbase which extends laterally into the mat slab foundation system. The slab is underlain by, Stego Wrap® 20-mil vapor barrier and Grace PrePrufe® waterproofing membrane within the elevator pit as well as two (2) sump pits in the western portion of the Site, adjacent to Nevins and Douglass Street.
- In-Situ Soil Stabilization (ISS)
  -
- Sub-Slab Depressurization System (SSDS)
  -
- Recovery Monitoring Wells
  -

An Inspection Photo Log has been attached illustrating the condition of the Engineering Control deployed at 318 Nevins Street.

Photo Log

Photo 1 –	
Photo 2 –	

Photo 3 –	
Photo 4 –	

Photo 5 –	
Photo 6 –	

Photo 7 –	
Photo 8 –	

Photo 9 –	
Photo 10 –	

Appendix K

Monitoring Well Construction Logs

Site Management Plan

NYSDEC BCP #C224350

IMPACT ENVIRONMENTAL
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Bohemia, New York 11716
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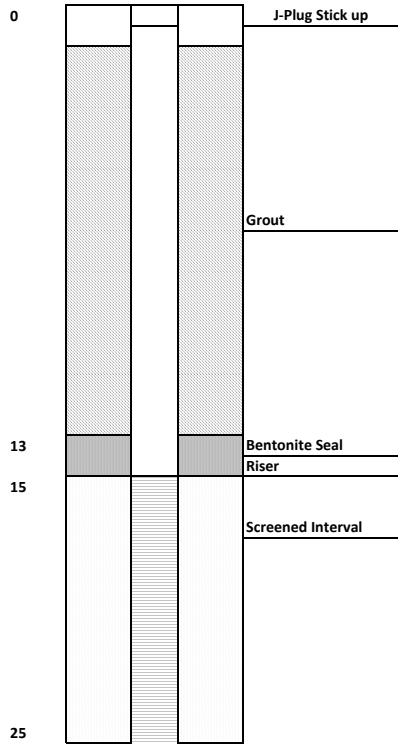
FAX: (631) 269-1599

Groundwater Well Construction Log
318 Nevins Street, Brooklyn, NY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
631.269.8800 telephone | 631. 269.1599 facsimile
impactenvironmental.com

		Well Name:	**HRP-MW-5B (Reinstallation)**
Site Location:	318 Nevins Street, Brooklyn, NY	**Installer:**	Coastal
Job Number:	15977	**Installation Method:**	Geoprobe/Auger
Client:	Gowanus Union Street LLC	**Installation Date:**	January 19, 2024
		GPS Coordinates	Northing: 186664.605, Easting: 987686.919



Surface Pad	
Type:	N/A

Well Cap	
Type:	J-Plug

Annular Seal	
Type:	Cement Grout
Length:	13'
Interval (BEG):	0.5-13'

Bentonite Seal	
Type:	Granular 3/8"
Length:	2'
Interval (BEG):	13-15'

Filter Pack	
Type:	Sand #2
Length:	10'
Interval (BEG):	15-25'

Riser Pipe	
Type:	Schedule 40 PVC
Diameter:	2"
Length:	15'
Interval (BEG):	0.5-15'

Surface Casing	
Type:	8" Steel Manhole

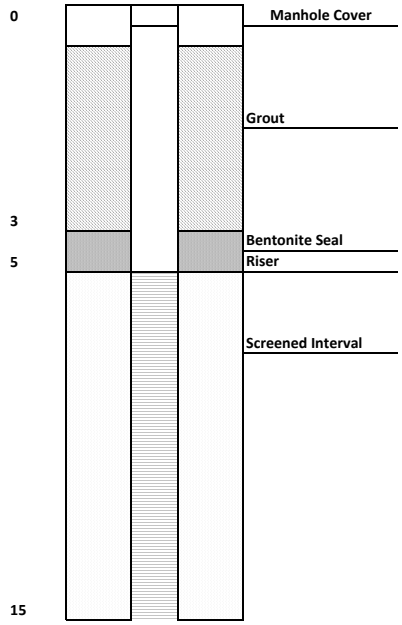
Screen	
Type:	Schedule 40 PVC
Diameter:	2"
Length:	10'
Slot Size:	0.010"
Interval (BEG):	15-25'

Sump	
Type:	N/A
Diameter:	N/A
Length:	N/A

Groundwater Well Construction Log
318 Nevins Street, Brooklyn, NY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
631.269.8800 telephone | 631. 269.1599 facsimile
impactenvironmental.com

Well Name:	**MW-19A**		
Site Location:	318 Nevins Street, Brooklyn, NY	**Installer:**	Coastal
Job Number:	15977	**Installation Method:**	Geoprobe/Auger
Client:	Gowanus Union Street LLC	**Installation Date:**	January 9, 2024
		GPS Coordinates	Northing: 186314.852, Easting: 987383.893



Surface Pad	
Type:	Concrete

Well Cap	
Type:	J-Plug

Annular Seal	
Type:	Cement Grout
Length:	13'
Interval (BEG):	0.5-3'

Bentonite Seal	
Type:	Granular 3/8"
Length:	2'
Interval (BEG):	3-5'

Filter Pack	
Type:	Sand #2
Length:	10'
Interval (BEG):	5-15'

Riser Pipe	
Type:	Schedule 40 PVC
Diameter:	2"
Length:	5'
Interval (BEG):	0.5-5'

Surface Casing	
Type:	8" Steel Manhole

Screen	
Type:	Schedule 40 PVC
Diameter:	2"
Length:	10'
Slot Size:	0.010"
Interval (BEG):	5-15'

Sump	
Type:	N/A
Diameter:	N/A
Length:	N/A

Groundwater Well Construction Log
318 Nevins Street, Brooklyn, NY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
631.269.8800 telephone | 631. 269.1599 facsimile
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Well Name:	**MW-19B**		
Site Location:	318 Nevins Street, Brooklyn, NY	**Installer:**	Coastal
Job Number:	15977	**Installation Method:**	Geoprobe/Auger
Client:	Gowanus Union Street LLC	**Installation Date:**	January 8, 2024
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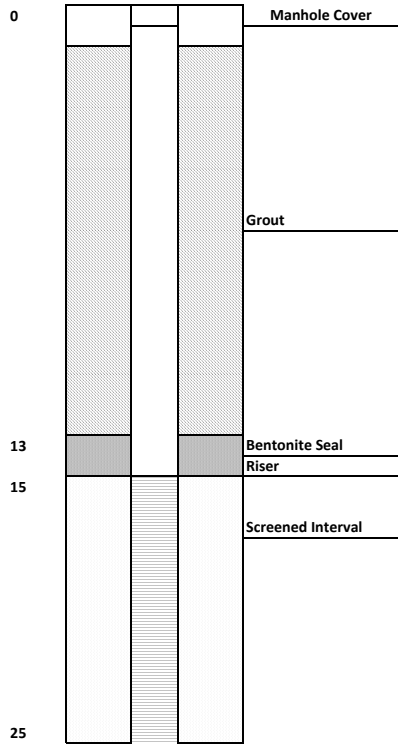

Surface Pad	
Type:	Concrete

Well Cap	
Type:	J-Plug

Annular Seal	
Type:	Cement Grout
Length:	13'
Interval (BEG):	0.5-13'

Bentonite Seal	
Type:	Granular 3/8"
Length:	2'
Interval (BEG):	13-15'

Filter Pack	
Type:	Sand #2
Length:	10'
Interval (BEG):	15-25'

Riser Pipe	
Type:	Schedule 40 PVC
Diameter:	2"
Length:	15'
Interval (BEG):	0.5-15'

Surface Casing	
Type:	8" Steel Manhole

Screen	
Type:	Schedule 40 PVC
Diameter:	2"
Length:	10'
Slot Size:	0.010"
Interval (BEG):	15-25'

Sump	
Type:	N/A
Diameter:	N/A
Length:	N/A

Groundwater Well Construction Log
318 Nevins Street, Brooklyn, NY

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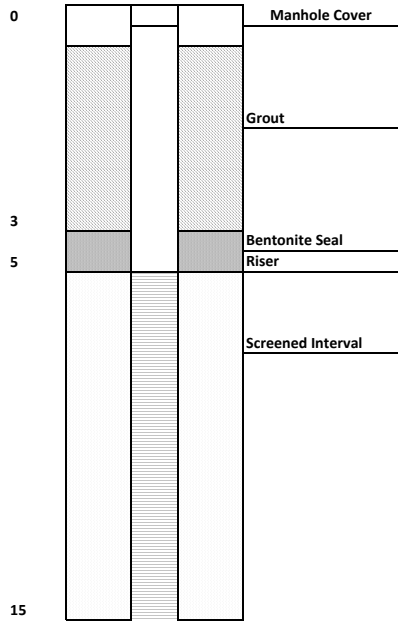
170 Keyland Court, Bohemia, New York 11716
631.269.8800 telephone | 631. 269.1599 facsimile
impactenvironmental.com

Well Name:	**MW-20A**		
Site Location:	318 Nevins Street, Brooklyn, NY	**Installer:**	Coastal
Job Number:	15977	**Installation Method:**	Geoprobe/Auger
Client:	Gowanus Union Street LLC	**Installation Date:**	January 10, 2024
		GPS Coordinates	Northing: 186393.613, Easting: 987571.649



Surface Pad	
Type:	Concrete

Well Cap	
Type:	J-Plug

Annular Seal	
Type:	Cement Grout
Length:	13'
Interval (BEG):	0.5-3'

Bentonite Seal	
Type:	Granular 3/8"
Length:	2'
Interval (BEG):	3-5'

Filter Pack	
Type:	Sand #2
Length:	10'
Interval (BEG):	5-15'

Riser Pipe	
Type:	Schedule 40 PVC
Diameter:	2"
Length:	5'
Interval (BEG):	0.5-5'

Surface Casing	
Type:	8" Steel Manhole

Screen	
Type:	Schedule 40 PVC
Diameter:	2"
Length:	10'
Slot Size:	0.010"
Interval (BEG):	5-15'

Sump	
Type:	N/A
Diameter:	N/A
Length:	N/A

Groundwater Well Construction Log
318 Nevins Street, Brooklyn, NY

IMPACT ENVIRONMENTAL
170 Keyland Court, Bohemia, New York 11716
631.269.8800 telephone | 631. 269.1599 facsimile
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Well Name:	**MW-20B**		
Site Location:	318 Nevins Street, Brooklyn, NY	**Installer:**	Coastal
Job Number:	15977	**Installation Method:**	Geoprobe/Auger
Client:	Gowanus Union Street LLC	**Installation Date:**	January 10, 2024
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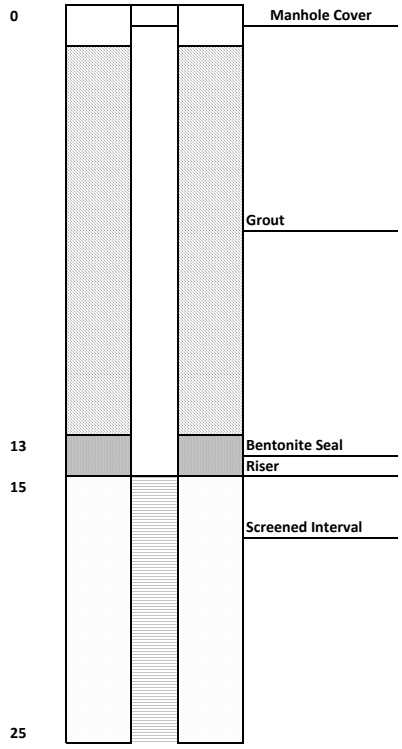

Surface Pad	
Type:	Concrete

Well Cap	
Type:	J-Plug

Annular Seal	
Type:	Cement Grout
Length:	13'
Interval (BEG):	0.5-13'

Bentonite Seal	
Type:	Granular 3/8"
Length:	2'
Interval (BEG):	13-15'

Filter Pack	
Type:	Sand #2
Length:	10'
Interval (BEG):	15-25'

Riser Pipe	
Type:	Schedule 40 PVC
Diameter:	2"
Length:	15'
Interval (BEG):	0.5-15'

Surface Casing	
Type:	8" Steel Manhole

Screen	
Type:	Schedule 40 PVC
Diameter:	2"
Length:	10'
Slot Size:	0.010"
Interval (BEG):	15-25'

Sump	
Type:	N/A
Diameter:	N/A
Length:	N/A

Groundwater Well Construction Log
318 Nevins Street, Brooklyn, NY

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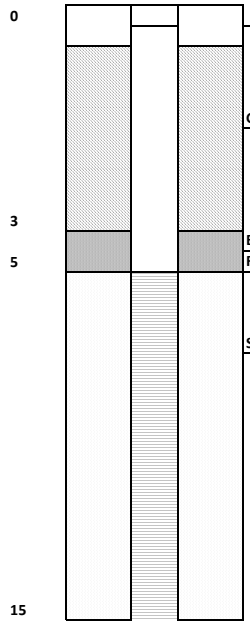
170 Keyland Court, Bohemia, New York 11716
631.269.8800 telephone | 631. 269.1599 facsimile
impactenvironmental.com

Well Name:	**MW-21A**		
Site Location:	318 Nevins Street, Brooklyn, NY	**Installer:**	Coastal
Job Number:	15977	**Installation Method:**	Geoprobe/Auger
Client:	Gowanus Union Street LLC	**Installation Date:**	January 15, 2024
		GPS Coordinates	Northing: 186546.171, Easting: 987650.690



Surface Pad	
Type:	Concrete

Well Cap	
Type:	J-Plug

Annular Seal	
Type:	Cement Grout
Length:	13'
Interval (BEG):	0.5-3'

Bentonite Seal	
Type:	Granular 3/8"
Length:	2'
Interval (BEG):	3-5'

Filter Pack	
Type:	Sand #2
Length:	10'
Interval (BEG):	5-15'

Riser Pipe	
Type:	Schedule 40 PVC
Diameter:	2"
Length:	5'
Interval (BEG):	0.5-5'

Surface Casing	
Type:	8" Steel Manhole

Screen	
Type:	Schedule 40 PVC
Diameter:	2"
Length:	10'
Slot Size:	0.010"
Interval (BEG):	5-15'

Sump	
Type:	N/A
Diameter:	N/A
Length:	N/A

Groundwater Well Construction Log
318 Nevins Street, Brooklyn, NY

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631.269.8800 telephone | 631. 269.1599 facsimile
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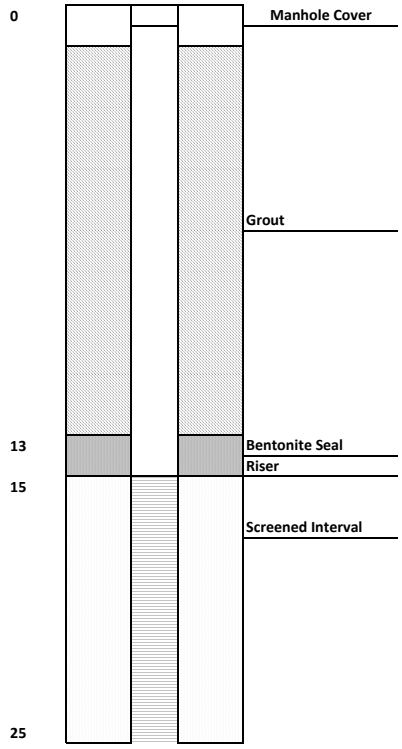
Well Name:	**MW-21B**		
Site Location:	318 Nevins Street, Brooklyn, NY	**Installer:**	Coastal
Job Number:	15977	**Installation Method:**	Geoprobe/Auger
Client:	Gowanus Union Street LLC	**Installation Date:**	January 12, 2024
		GPS Coordinates	Northing: 186549.354, Easting: 987652.626



Surface Pad	
Type:	Concrete

Well Cap	
Type:	J-Plug

Annular Seal	
Type:	Cement Grout
Length:	13'
Interval (BEG):	0.5-13'

Bentonite Seal	
Type:	Granular 3/8"
Length:	2'
Interval (BEG):	13-15'

Filter Pack	
Type:	Sand #2
Length:	10'
Interval (BEG):	15-25'

Riser Pipe	
Type:	Schedule 40 PVC
Diameter:	2"
Length:	15'
Interval (BEG):	0.5-15'

Surface Casing	
Type:	8" Steel Manhole

Screen	
Type:	Schedule 40 PVC
Diameter:	2"
Length:	10'
Slot Size:	0.010"
Interval (BEG):	15-25'

Sump	
Type:	N/A
Diameter:	N/A
Length:	N/A

Appendix L

Sub-Slab Depressurization Confirmation Sampling Work Plan

Site Management Plan
NYSDEC BCP #C224350

IMPACT ENVIRONMENTAL
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Bohemia, New York 11716
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SUB-SLAB DEPRESSURIZATION CONFIRMATION SAMPLING WORK PLAN

June 2026

Site:

318 Nevins Street Site
318 Nevins Street, Brooklyn, New York
New York City Tax Map Designation: Block 439, Lot 1
NYSDEC BCP Site Number: C224350

Prepared for:

Gowanus 300 Nevins Street LLC, Gowanus Nevins North LLC and Gowanus Nevins South LLC
19 West 24th Street, 12th Floor
New York, NY 10010

Submitted to:

New York State Department of Environmental Conservation
Central Office, Division of Environmental Remediation
625 Broadway, Albany, NY 12233-7020

IEC Project Number: 15977

IMPACT ENVIRONMENTAL ENGINEERING AND GEOLOGY, PLLC
| 170 Keyland Court| Bohemia | New York | 11716 | 631.269.8800

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Figure 1: Site Location Map
Figure 2: Site Boundaries
Figure 3A: 498 Union Street (North Building): Proposed Sub-Slab Depressurization Confirmation Sampling Map
Figure 3B: 417 Carroll Street South Building): Proposed Sub-Slab Depressurization Confirmation Sampling Map

Appendices

Appendix A: SSD Confirmation Sampling Forms

1.0 EXECUTIVE SUMMARY

A Site Management Plan (SMP) was a required element of the remedial program for the 318 Nevins Street Site located in Brooklyn, New York, which achieved a site-specific Track 4 remedy. After completion of the remedial work, some contamination was left at this Site, the SMP is in place until the groundwater and sub-slab vapor can be evaluated after the completion of the new on-site buildings to determine if there are remaining concentrations of groundwater and/or soil vapor contamination that require mitigation.

This work plan provides details only pertaining to sub-slab depressurization confirmation sampling.

The following provides a summary of the controls implemented for the Site, as well as the inspections, monitoring, maintenance, and reporting activities required by the SMP:

Institutional controls and engineering controls are outlined within the SMP.

2.0 INTRODUCTION

2.1 General

The SMP is a required element of the remedial program for the 318 Nevins Street Site located in Brooklyn, New York (hereinafter referred to as the "Site") until such a time as the groundwater and sub-slab air can be evaluated following the completion of the new on-site buildings to determine if there are remaining concentrations of groundwater and/or soil vapor contamination that require mitigation. A Site Location Map is provided as **Figure 1**. The Site is currently in the New York State (NYS) Brownfield Cleanup Program (BCP), which is administered by New York State Department of Environmental Conservation (NYSDEC), as Site No. C224350.

Gowanus 300 Nevins Street LLC entered into a Brownfield Cleanup Agreement (BCA), Index No. C224350-03-22, on April 29, 2022, with the NYSDEC to investigate and remediate the Site. A figure showing the Site location and boundaries of this Site is provided in **Figure 2**.

The Site has achieved a site-specific Track 4 remedy, and, after completion of the remedial work, some contamination was left at this Site, which is hereafter referred to as "remaining contamination." Institutional and Engineering Controls (ICs and ECs) have been incorporated into the initial Site remedy to control exposure to remaining contamination to ensure protection of public health and the environment. The Site will be limited to Restricted-Residential use (subject to local zoning laws) and groundwater use is prohibited. Stego wrap vapor barriers (an element of construction), and SSD systems, (as an engineering control [EC]) were installed beneath each new Site building foundation slab to address the potential for soil vapor intrusion into the new buildings. A *SSDS Remedial Design Work Plan,* dated July 3, 2024, was approved by the NYSDEC on the same day. The SSD systems beneath each building include a system of slotted PVC piping set within a gas-permeable zone placed beneath the vapor barrier and building slabs, with riser piping, fans and other equipment above the slab and venting outside of the buildings. The sub-slab depressurization confirmation sampling will not commence until after the new building envelopes are sealed weather-tight, windows/doors shut and the HVAC systems operate under typical conditions. The SSDS systems will be operational for a minimum of 30 days prior to when the sub-slab depressurization confirmation sampling commences.

An Environmental Easement (EE) granted to the NYSDEC and recorded with the Office of the City Register of the City of New York on August 6, 2025 (City Register File Number [CRFN]: 202500210783) requires compliance with this SMP and all ECs and ICs placed on the Site.

The SMP was prepared to manage remaining contamination at the Site until the EE is extinguished in accordance with ECL Article 71, Title 36. This plan has been approved by the NYSDEC, and compliance with this plan is required by the grantor of the EE and the grantor's successors and assigns. The SMP may only be revised with the approval of the NYSDEC.

3.0 SITE SUMMARY

3.1 Site Location and Description

The Site is located in Brooklyn, Kings County, New York and is identified as Block 439 and Lot 1 on the Kings County Tax Map (see **Figure 1**). The Site is an approximately 2.322-acre area and is bounded by Union Street directly north, Carroll Street directly south, Nevins Street directly east, and a sliver of New York City-owned uplands and the Gowanus Canal to the west (see **Figure 2** – Site Boundaries). The owner(s) of the Site parcel at the time of issuance of the SMP are: Gowanus Nevins North LLC and Gowanus Nevins South LLC.

3.2 Physical Setting

3.2.1 Land Use

The Site consists of two (2) mixed-use residential and commercial buildings, separated by an upland connection; one (1) situated at the north portion of the lot (498 Union Street) and one (1) situated at south portion of the lot (417 Carroll Street). The Site is zoned as a Manufacturing District (M1-4) with a Medium Density Residential overlay (R7-2) and a Special Gowanus Mixed Use District (GMU) designation.

The north building (498 Union Street) is slab on grade construction with twenty-two (22) stories. The first floor includes retail space, a residential lobby, mechanical equipment, and bicycle storage.

The second floor contains residential amenity space, mixed-use space, and residential apartment units. Floors three through twenty-two contain residential apartments units.

The south building (417 Carroll Street) is constructed with seventeen (17) stories. The first floor includes retail space, a residential lobby, mechanical equipment, and bicycle storage. The second floor contains residential amenity space, GMU space, and residential apartment units. Floors three through seventeen contain residential apartment units. The south building contains a small partial cellar in the central/eastern portion of the building which contains an elevator room.

Additionally, as part of the Site redevelopment, a 30-foot shore public walkway and waterfront yard adjacent to the Gowanus Canal will be constructed which joins to the upland connection between the Site buildings.

The properties adjoining the Site, and in the neighborhood surrounding the Site reflect a mix of zoning which is primarily comprised of historic manufacturing districts with residential and commercial overlays.

The properties immediately south of the Site, beyond Carroll Street, include two (2) residential redevelopment projects, one (1) administrated through the New York City Office of Environmental Remediation (OER) program and one (1) completed NYSDEC BCP site (Gowanus Village I, Site No. C224099) ; the properties north of the Site (beyond Union Street) include the Union Street Bridge tender facilities and warehouse-type properties, as well as Alba Auto repair facility to the northeast across intersection of Nevins and Union Streets; the properties immediately east of the Site (beyond Nevins Street) include three (3) active NYSDEC BCP sites (514 Union Street, Site No. C224318; 473 President Street, Site No. C224220; and the Presidential Street Portfolio, Site No. C224309), the Crusaders Candle company building, and a 3-story residential building, as well as a vacant lot; and the properties to the west of the Site , beyond the New York City-owned upland sliver and Gowanus Canal include three (3) NYSDEC BCP Sites (450 Union Street, C224219, President Street Properties, Site No. C224221, and 335 Bond Street, Site No. C224225).

3.2.2 Geology

Site-specific geology of the shallow soil from the surface down to approximately 9 feet below grade surface (bgs), identified during the Remedial and Supplemental Remedial Investigation (RI and SRI) includes urban/historic fill material, described as brown, silty sand with gravel and anthropogenic material including concrete, brick and asphalt fragments, wood, and some slag. Below the fill material, the native soil is comprised of silty sand with gray clay, peat, trace gravel at depths ranging from approximately 9 to 13 feet bgs followed by non-continuous gray clay encountered at depths ranging from approximately 10 to 13 feet bgs. Beyond 20 feet bgs, the native soil is comprised of silt to fine sand with some clay which transitions to medium-to-coarse sand until the terminal depth of soil borings (which ranged from 45 to 85 feet bgs).

Coal tar, dense non aqueous phase liquid (DNAPL) is present in the subsurface in the northwestern portion of the Site. Coal tar was identified during the RI and SRI, within saturated soils in certain intermediate and deep soil boring intervals. Coal tar impacts were found in native soils beneath a layer of organic-rich peat (meadow mat), which is located at approximately between 10 to 25 feet bgs. Coal tar was noted at depths of approximately 25-35 feet bgs.

The Site adjoins the Gowanus Canal to the west, which was historically a tidal creek with wetlands/lowland marsh areas prior to the commencement of urban development circa the mid-1800s. The historical creek was dredged and its shoreline hardened to construct the Gowanus Canal. Dredge spoils were deposited behind the hardened shoreline, followed by uncontrolled historic fill material to allow for the general industrialized development of the area. Alluvial/marsh deposits lie below the fill and are composed of alluvial sand deposits, peat, organic silts and clays (marsh deposits). The alluvial/marsh deposits are associated with the original wetlands complex that was present when the native area was altered. This depositional sequence is supported by observations of sand, organic material, and clay in on-Site soil borings.

No bedrock was documented during the advancement of the previous or current borings at the Site. Damp-to-wet soil at the capillary fringe to the water table interface was detected at approximately 6 to 7 feet below grade (fbg) within the Site RI soil borings.

3.2.3 Hydrogeology

The Site is located directly east of the Gowanus Canal. The Gowanus Canal discharges to the Gowanus Bay and Upper New York Bay located to the southwest and is a tidally influenced channel with a tidal cycle of two high tides and two low tides of unequal height each day, with a vertical tidal range of approximately 4.7 to 5.7 feet. The primary aquifer beneath the Gowanus Canal and surrounding upland areas is identified as the Upper Glacial Aquifer, which is generally a thick sequence of glacial deposits that includes beds of silt, sand and clay associated with alluvial/marsh sediments along coastal areas. The Upper Glacial Aquifer at the Site appears to be unconfined. In the Upper Glacial Aquifer, regional groundwater flows to the west/southwest toward Gowanus Canal.

Groundwater from the Site area is not used as a potable water supply in Brooklyn pursuant to a local prohibition.

Based on RI data and bi-weekly groundwater sampling in connection with the Long Island Well permit pertaining to dewatering, groundwater beneath the Site ranges from approximately 5.67 fbg within GW-17B, which is located on the western portion of the Site (adjacent to the Gowanus Canal), to 8.98 fbg within HRP-MW-3, which is located north of the Site. The groundwater contours were mapped using groundwater potentiometric surface measurements, and flow at the Site is generally to the west-southwest toward the Gowanus Canal; however, the tidal fluctuations (oscillations) of the Gowanus Canal influence the groundwater flow.

Refer to the SMP and Final Engineering Report (FER) for details pertaining to Site investigations and remedies.

4.0 INSTITUTIONAL AND ENGINEERING CONTROL PLAN

4.1 General

Because remaining contamination exists at the Site, ICs and ECs are required to protect human health and the environment. The IC/EC Plan described within the SMP provides the procedures for the

implementation and management of all IC/ECs at the Site. The IC/EC Plan is one component of the SMP and is subject to revision by the NYSDEC project manager.

5.0 MONITORING AND SAMPLING PLAN

5.1 Post-Remediation Media Monitoring and Sampling

5.1.1 Sub-Slab Depressurization Confirmation Sampling

Active SSD systems were installed beneath both ground-floor building foundation slabs at 498 Union Street (North Building) and 416 Caroll Street (South Building), to mitigate potential soil vapor intrusion into the occupied buildings. The active SSD systems for each building create depressurized (low vacuum) fields beneath the floor slabs by extracting sub-slab air with roof-mounted suction fans. The low vacuum fields create a negative pressure gradient and divert potentially impacted vapors beneath the buildings to the atmosphere above the rooftop of the building, thereby mitigating the potential for vapor intrusion.

The SSD systems under each building consist of nine (9) permanent vacuum monitoring points installed within the foundation slab of each new building (refer to **Figures 3A** and **3B** for vacuum monitoring point locations) in areas where previous soil vapor and/or sub-slab vapor samples indicated high concentrations of VOCs. A network of three (3) branches of 4-inch diameter horizontal perforated piping set within a 10-inch-thick gas permeable gravel layer beneath the building slab and vapor barrier/waterproofing system. The horizontal piping branches are connected to vertical piping that breaches the roof structure where each vertical pipe was equipped with an Obar Systems model GBR89 Radial SSDS Blower mounted on an OBAR roof mounted stand. The discharge piping from each fan outlet consists of 6-inch diameter Schedule 40 PVC equipped with a 6-inch weatherproof, animal resistant vent screen and rain hood. The discharge stacks terminate a minimum of 10 feet above the finished roof structure and are at least 12 feet horizontally from any of the building's air handling equipment minimum intakes or windows.

The Site Cap and SSD systems with vapor barrier performance monitoring will be accomplished by the collection of nine (9) indoor air samples, these sample locations are co-located with the vacuum

monitoring points, as well as one (1) outdoor ambient air sample from each building in accordance with the NYSDOH "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" (October 2006) and the May 2017: Updates to Soil Vapor /Indoor Air Decision Matrices. Sample results will be compared to the NYSDOH Soil Vapor Intrusion Guidance most recently updated in February 2024. It should be noted that two (2) indoor air locations for 498 Union Street (North Building [NBIA-2 and NBIA-5]) and three (3) indoor air locations for 417 Carroll Street (South Building[SBIA-2, SBIA-4 and SBIA_5]) are located at the closest point within their respective building to the associated vacuum monitoring point, which are located in an open-air 'court'. Refer to **Figures 3A** and **3B** for sample locations.

The 498 Union Street (North Building) sub-slab depressurization confirmation sampling event will include the following:

- Collection of nine (9) indoor air samples, which are to be collected at locations proximal to each of the nine (9) vacuum monitoring points. Indoor air samples are designated as NBIA-1 through NBIA-9. It should be noted that NBIA-2 and NBIA-5 are located at the closest point to their associated vacuum monitoring point within the building. One (1) duplicate indoor air sample will be collected as part of each sampling event. Vacuum measurements will also be collected at each location and recorded.
- One (1) outdoor ambient air sample will be collected to establish background during the sampling event.
- The 11 samples will be collected for a period of 24 hours.
- Sample analysis will be USEPA TO-15 for VOCs analysis (inclusive of naphthalene).

The 417 Caroll Street (South Building) sub-slab depressurization confirmation sampling event will include the following:

- Collection of nine (9) indoor air samples, which are to be collected at locations proximal to each of the nine (9) vacuum monitoring points. Indoor air samples are to be designated as SBIA-1 through SBIA-9. It should be noted that SBIA-2, SBIA-4 and SBIA 5 are located at the closest point to their associated vacuum monitoring point within the

building. One (1) duplicate indoor air sample will be collected as part of each sampling event. Vacuum measurements will also be collected at each location and recorded.

- One (1) outdoor ambient air sample will be collected to establish background during the sampling event.
- The 11 samples will be collected for a period of 24 hours.
- Sample analysis will be USEPA TO-15 for VOCs (inclusive of naphthalene).

Indoor air quality sample locations will be collected proximally to the vacuum monitoring point locations. With the exception of the two (2) indoor air locations for 498 Union Street (North Building [NBIA-2 and NBIA-5]) and three (3) indoor air locations for 417 Carroll Street (South Building [SBIA-2, SBIA-4 and SBIA_5]), which are located at the closest distance within their respective building to the associated vacuum monitoring point, which are located in an open-air 'court'. Indoor Air sample acquisition will be performed utilizing 2.75-liter laboratory-supplied Summa canisters, or equivalent; each canister is to be equipped with a laboratory-prepared flow regulator set below 0.2 liters per minute per NYSDOH guidance. Sampling will occur for a duration of **twenty-four** hours and samples will be contained in a laboratory prepared, Summa Canister which will be certified clean. Each canister will be set atop an approximately three-foot tall stand, tabletop or other infrastructure. This sample collection elevation has been selected to represent air quality within typical breathing zone(s) between three and five feet above slab grade, as specified within the NYSDOH Soil Vapor Intrusion guidance document, most recently amended in 2024.

One (1) outdoor ambient air sample will be collected from each building during the sub-slab depressurization confirmation sampling and analyzed in accordance with United States Environmental Protection Agency (USEPA) Test Method TO-15 for VOCs (inclusive of naphthalene).

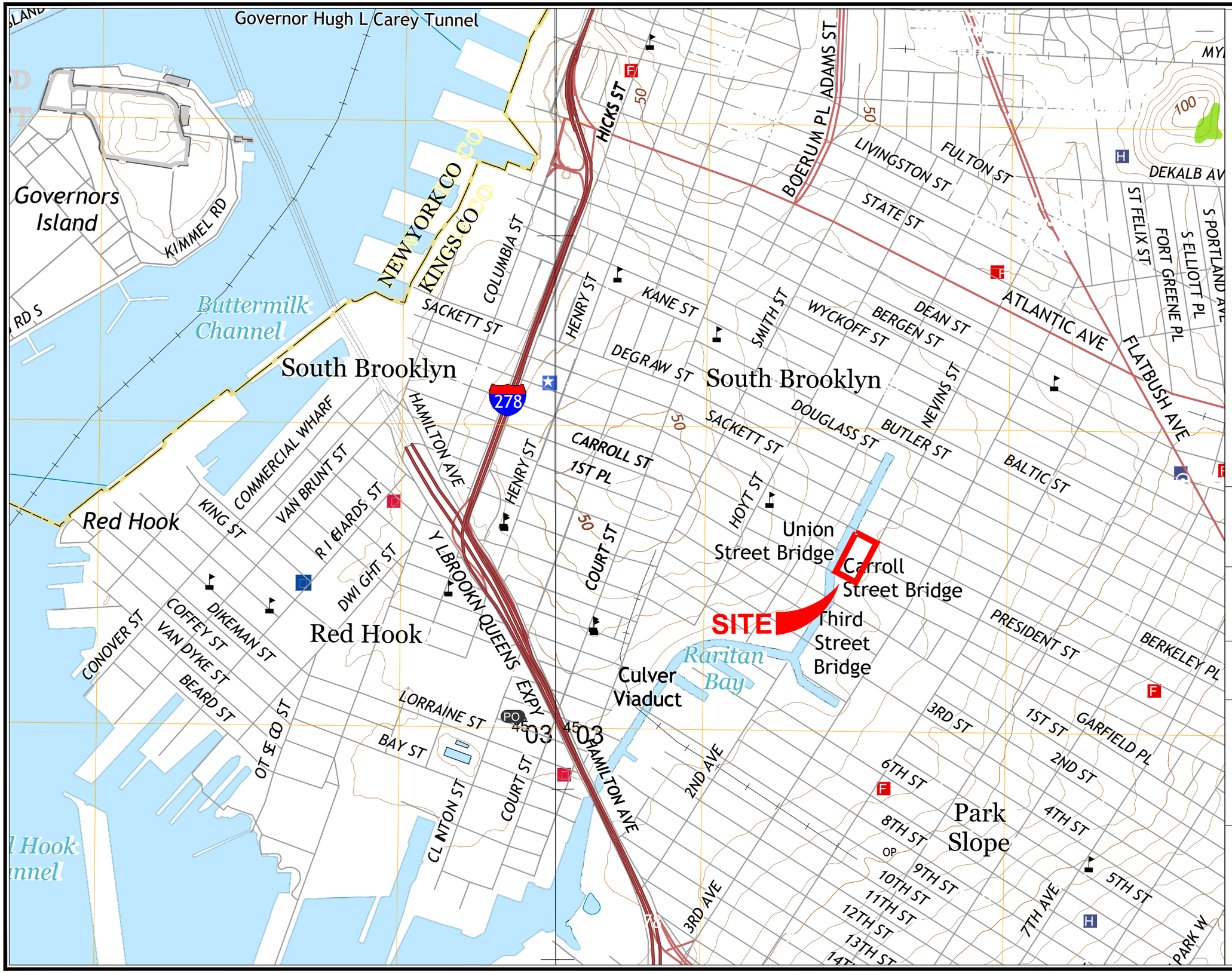
Post-construction startup performance confirmation monitoring will be completed for each building to ensure the SSD systems branches are running. Sub-slab depressurization confirmation sampling will be performed prior to building occupancy and again once during the 2026-27 heating season to assess the performance of the remedy.

6.0 REPORTING REQUIREMENTS

The Sub-slab depressurization confirmation sampling event will be conducted by a qualified environmental professional as defined in 6 NYCRR Part 375. The NYSDEC and NYSDOH will be notified of a minimum of seven (7) days prior to the sample event occurring. Daily field reports must be submitted to NYSDEC and NYSDOH by noon the following day of sampling activities. The daily field reports must include the building questionnaire and photo log. Additionally, all data must be validated and submitted to the NYSDEC EQuIS database and applicable inspection forms and other records, including media sampling data, generated for the Site during the sample event will be provided in electronic format to the NYSDEC in accordance with the SMP.

Figures

318 Nevins Street, Brooklyn, NY



PROJECT NORTH

NOTES:

FIGURE 1:
SITE LOCATION

318 Nevins Street
Brooklyn, New York

Figure No: 01

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	DP
DATE:	01/19/2022
SCALE:	N.T.S.

REVISIONS

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PROJECT NORTH

LEGEND

- LOT BOUNDARY
- SUBJECT PROPERTY

NOTES:

FIGURE 2:
SITE BOUNDARY MAP

318 Nevins Street,
Brooklyn, New York

Figure No: 02

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	DP
DATE:	7/8/25
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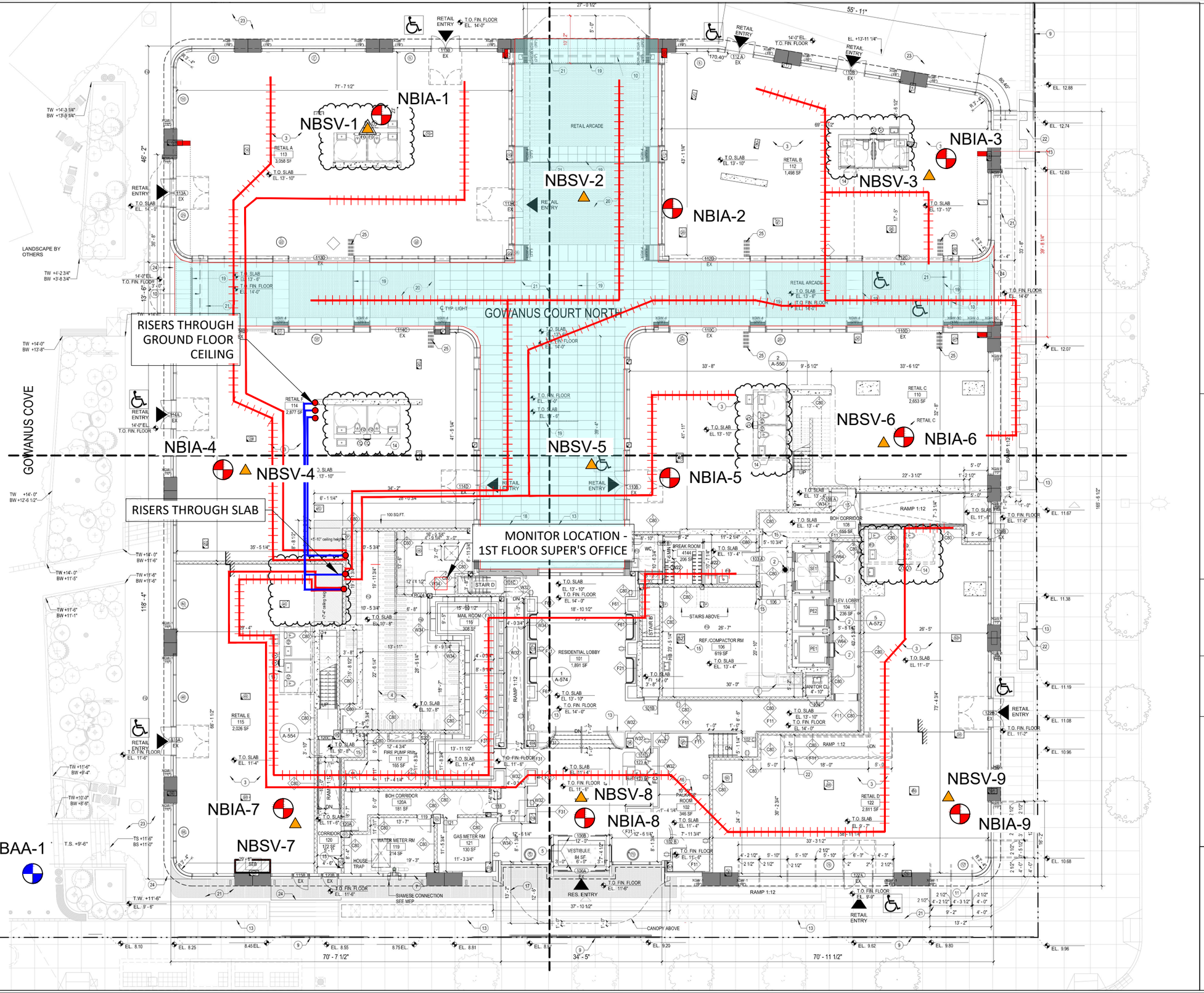
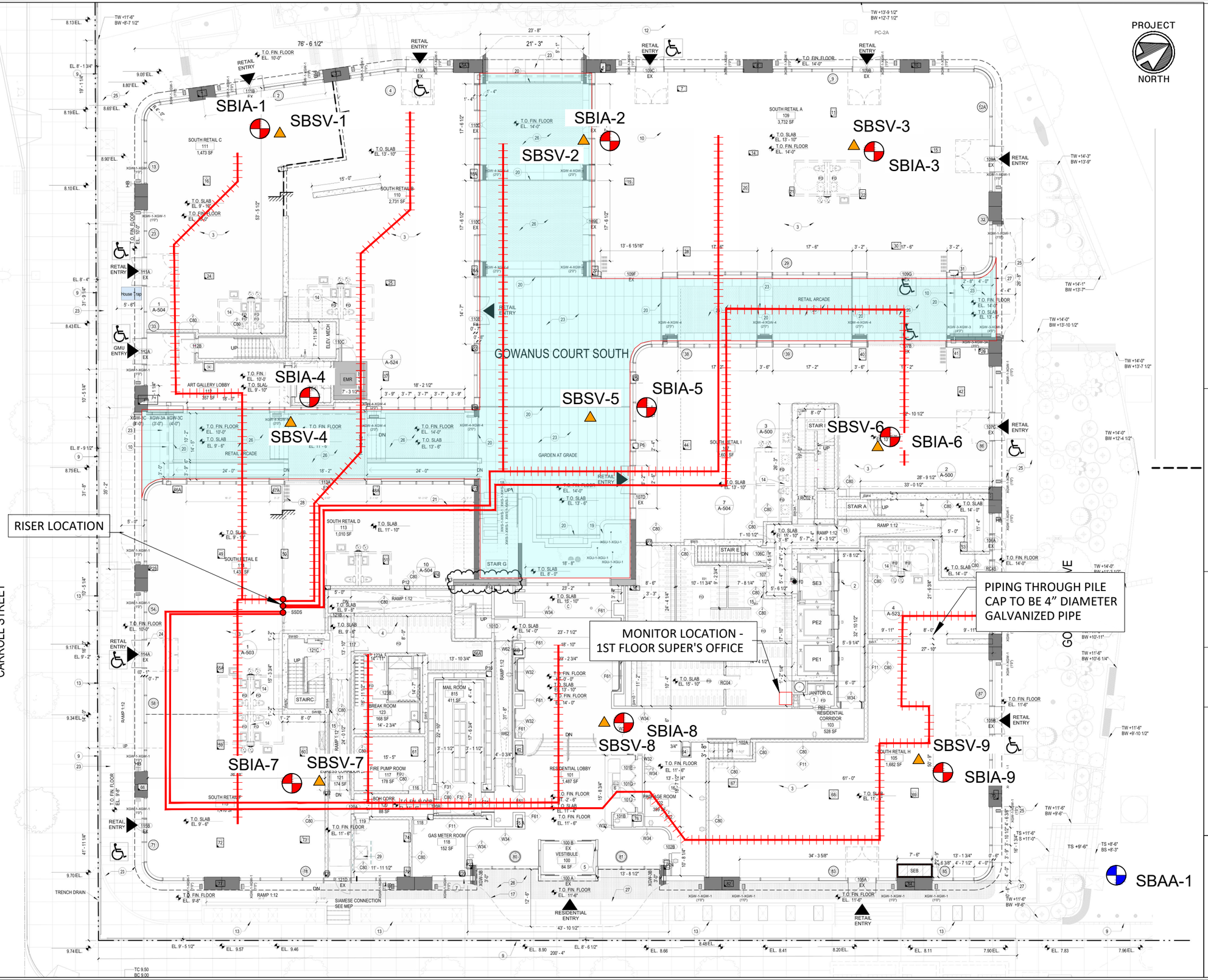

NBIA-1
NBSV-1
NBSV-2
NBIA-2
NBSV-3
NBIA-3
NBSV-6
NBIA-6
NBSV-5
NBIA-5
NBIA-4
NBSV-4
NBSV-8
NBIA-8
NBSV-9
NBIA-9
NBIA-7
NBSV-7
NBAA-1
MONITOR LOCATION - 1ST FLOOR SUPER'S OFFICE
RISERS THROUGH GROUND FLOOR CEILING
RISERS THROUGH SLAB
GOWANUS COURT NORTH
GOWANUS COVE
RETAIL ARCADE
LANDSCAPE BY OTHERS
RETAIL A 113 3,058 SF
RETAIL B 112 1,498 SF
RETAIL C 110 2,693 SF
RETAIL D 122 2,811 SF
RETAIL E 115 2,026 SF
RETAIL F 114 2,877 SF
RESIDENTIAL LOBBY 101 1,891 SF
MAIL ROOM 116 308 SF
FIRE PUMP RM. 117 155 SF
WATER METER RM 119 414 SF
GAS METER RM 121 130 SF
BOH CORRIDOR 120A 181 SF
CORRIDOR 120 172 SF
VESTIBULE 84 SF
BREAK ROOM 4144 206 SF
BOH CORRIDOR 128 555 SF
ELEV. LOBBY 104 236 SF
REF./COMPACTOR RM 106 619 SF
PANTRY ROOM 102 346 SF
JANITOR CL. 4' - 10"
STAIR A
STAIR B
STAIR C
STAIR D
ELEV. 1
ELEV. 2
RAMP 1:12
STAIRS ABOVE
RES. ENTRY
CANOPY ABOVE
SIAMESE CONNECTION SEE MEP
HOUSE TRAP
SEB
RETAIL ENTRY
T.O. FIN. FLOOR EL. 14'-0"
T.O. SLAB EL. 13' - 10"
T.O. FIN. FLOOR EL. 11'-6"
T.O. SLAB EL. 11' - 0"
T.O. SLAB EL. 10' - 8"
T.O. SLAB EL. 11' - 4"
T.O. SLAB EL. 13' - 4"
T.O. SLAB EL. 9' - 7"
T.O. FIN. FLOOR EL. 9'-9"
T.O. FIN. FLOOR EL. 11'-8"
T.O. FIN. FLOOR EL. 11'-2"
T.O. FIN. FLOOR EL. 11'-0"
T.O. SLAB EL. 11' - 6"
T.O. SLAB EL. 13' - 6"
T.O. SLAB EL. 10' - 8"
T.O. SLAB EL. 11'-4"
T.O. SLAB EL. 13' - 4"
T.O. SLAB EL. 9' - 7"
T.O. FIN. FLOOR EL. 9'-9"
T.O. FIN. FLOOR EL. 11'-6



LEGEND

- PROPERTY LINE
- 4-INCH SOLID SCHEDULE 40 PVC - SUB-SLAB
- 4-INCH SLOTTED SCHEDULE 40 PVC - SUB-SLAB
- VACUUM MONITORING POINT LOCATION
- RISER LOCATION
- INDOOR AIR SAMPLE LOCATION
- AMBIENT AIR SAMPLE LOCATION

NOTES:

1. PIPING SLOPE IS 1%.
2. VERTICAL RISERS TERMINATE ABOVE THE ROOF LINE OF THE STAIRWELLS FOR BOTH BUILDINGS.
3. THE SUB SLAB DEPRESSURIZATION CONFIRMATION SAMPLING INVOLVES ONLY THE COLLECTION OF INDOOR AIR SAMPLES.

FIGURE 3B: SOUTH BUILDING (417 CARROLL STREET) SUB SLAB DEPRESSURIZATION CONFIRMATION SAMPLING MAP

318 Nevins Street
Brooklyn, New York

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	DP
DATE:	5/29/2026
SCALE:	1" = 20'

REVISIONS

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Appendix A

318 Nevins Street, Brooklyn, NY

NEW YORK STATE DEPARTMENT OF HEALTH
INDOOR AIR QUALITY QUESTIONNAIRE AND BUILDING INVENTORY
CENTER FOR ENVIRONMENTAL HEALTH

This form must be completed for each residence involved in indoor air testing.

Preparer's Name _____ Date/Time Prepared _____

Preparer's Affiliation _____ Phone No._____

Purpose of Investigation_____

1. OCCUPANT:

Interviewed: Y / N

Last Name: _____ First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

Number of Occupants/persons at this location _____ Age of Occupants _____

2. OWNER OR LANDLORD: (Check if same as occupant ___)

Interviewed: Y / N

Last Name: _____First Name: _____

Address: _____

County: _____

Home Phone: _____ Office Phone: _____

3. BUILDING CHARACTERISTICS

Type of Building: (Circle appropriate response)

Residential	School	Commercial/Multi-use
Industrial	Church	Other: _____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouses/Condos
Modular	Log Home	Other:_____

If multiple units, how many? _____

If the property is commercial, type?

Business Type(s) _____

Does it include residences (i.e., multi-use)? Y / N If yes, how many? _____

Other characteristics:

Number of floors_____ Building age_____

Is the building insulated? Y / N How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns and qualitatively describe:

Airflow between floors

_____

_____

_____

Airflow near source

_____

_____

_____

Outdoor air infiltration

_____

_____

_____

Infiltration into air ducts

_____

_____

_____

5. BASEMENT AND CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction:	wood frame	concrete	stone	brick
b. Basement type:	full	crawlspace	slab	other _____
c. Basement floor:	concrete	dirt	stone	other _____
d. Basement floor:	uncovered	covered	covered with _____	
e. Concrete floor:	unsealed	sealed	sealed with _____	
f. Foundation walls:	poured	block	stone	other _____
g. Foundation walls:	unsealed	sealed	sealed with _____	
h. The basement is:	wet	damp	dry	moldy
i. The basement is:	finished	unfinished	partially finished	
j. Sump present?	Y / N			
k. Water in sump?	Y / N / not applicable			

Basement/Lowest level depth below grade: _____(feet)

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains)

_____

_____

6. HEATING, VENTING and AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard	
Space Heaters	Stream radiation	Radiant floor	
Electric baseboard	Wood stove	Outdoor wood boiler	Other _____

The primary type of fuel used is:

Natural Gas	Fuel Oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: _____

Boiler/furnace located in:	Basement	Outdoors	Main Floor	Other_____
Air conditioning:	Central Air	Window units	Open Windows	None

Are there air distribution ducts present? Y / N

Describe the supply and cold air return ductwork, and its condition where visible, including whether there is a cold air return and the tightness of duct joints. Indicate the locations on the floor plan diagram.

_____

_____

_____

_____

7. OCCUPANCY

Is basement/lowest level occupied? Full-time Occasionally Seldom Almost Never

Level	**General Use of Each Floor (e.g., familyroom, bedroom, laundry, workshop, storage)**
Basement	_____
1st Floor	_____
2nd Floor	_____
3rd Floor	_____
4th Floor	_____

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / N

b. Does the garage have a separate heating unit? Y / N / NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, atv, car) Y / N / NA Please specify_____

d. Has the building ever had a fire? Y / N When?_____

e. Is a kerosene or unvented gas space heater present? Y / N Where? _____

f. Is there a workshop or hobby/craft area? Y / N Where & Type? _____

g. Is there smoking in the building? Y / N How frequently? _____

h. Have cleaning products been used recently? Y / N When & Type? _____

i. Have cosmetic products been used recently? Y / N When & Type? _____

j. Has painting/staining been done in the last 6 months? Y / N Where & When? _____

k. Is there new carpet, drapes or other textiles? Y / N Where & When? _____

l. Have air fresheners been used recently? Y / N When & Type? _____

m. Is there a kitchen exhaust fan? Y / N If yes, where vented?_____

n. Is there a bathroom exhaust fan? Y / N If yes, where vented?_____

o. Is there a clothes dryer? Y / N If yes, is it vented outside? Y / N

p. Has there been a pesticide application? Y / N When & Type?_____

Are there odors in the building? Y / N
If yes, please describe: _____

Do any of the building occupants use solvents at work? Y / N
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide application, cosmetologist

If yes, what types of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (Circle appropriate response)

Yes, use dry-cleaning regularly (weekly) No
Yes, use dry-cleaning infrequently (monthly or less) Unknown
Yes, work at a dry-cleaning service

Is there a radon mitigation system for the building/structure? Y / N Date of Installation: _____
Is the system active or passive? Active/Passive

9. WATER AND SEWAGE

Water Supply:	Public Water	Drilled Well	Driven Well	Dug Well	Other: _____
Sewage Disposal:	Public Sewer	Septic Tank	Leach Field	Dry Well	Other: _____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended: _____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided and explained to residents? Y / N

11. FLOOR PLANS

Draw a plan view sketch of the basement and first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

First Floor:

12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings.

Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system, if applicable, and a qualifying statement to help locate the site on a topographic map.

13. PRODUCT INVENTORY FORM

Make & Model of field instrument used: _____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N

* Describe the condition of the product containers as **Unopened (UO), Used (U),** or **Deteriorated (D)**
** Photographs of the **front and back** of product containers can replace the handwritten list of chemical ingredients. However, the photographs must be of good quality and ingredient labels must be legible.

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Project #:	Date:	Pg. of
Client:		Staff:
Site:		
Task:		

Sample ID	**Sample Type** (IA, SS, A)	**Location** (e.g., basement, etc.)	**Slab Thickness (in.)**	**Can ID**	**Flow ID**	**PID Reading (ppm)**	**Purge Vol.**	**Start/End Time**	**Start/End Press.**	**Sample Duration**	**Misc. Observation Notes**

*IA = Indoor Air, SS = Sub-Slab, and A = Ambient

Appendix M

Field Activities Plan

Site Management Plan
NYSDEC BCP #C224350

IMPACT ENVIRONMENTAL
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FIELD OPERATING PROCEDURES

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B.1 FIELD SAMPLING PROCEDURES

B.1.1 Sampling Personnel

The activities associated with the remedial investigation will be performed by or under the auspices of a Quality Assurance Officer. The sample staff (samplers) will possess a minimum of a BA Degree in the Earth, Space or Biological Sciences or a BS Degree in Engineering. Samplers will have a minimum of one (1) year experience in environmental/geological fieldwork. Additionally, all samplers will have received mandatory forty-hour Occupational Safety and Health Administration (OSHA) training on working with potentially hazardous materials and appropriate Hazard Communication Program and "Right-To-Know" training.

B.1.2 Geophysical Survey

A geophysical survey will be performed over target portions of the planimetric surface of the subject property utilizing a GSSI model SIR-2 ground penetrating radar (GPR) system equipped with a 400MHz antenna. The survey will be performed to identify the presence of any abandoned and/or active underground injection wells associated with the on-site sanitary systems on the Site.

A GPR system consists of a radar control unit, control cable and a transducer (antenna). The control unit transmits a trigger pulse at a normal repetition rate of 50 KHz. The trigger pulse is sent to the transmitter electronics in the transducer via the control cable. The transmitter electronics amplify the trigger pulses into bipolar pulses that are radiated to the subsurface. The transformed pulses vary in shape and frequency according to the transducer used. In the subsurface, variations of the signal occur at boundaries where there is a dielectric contrast (void, steel, soil type, etc.). Signal reflections travel back to the control unit represented as color graphic images for interpolation. This system is capable of transmitting electromagnetic energy in the frequency range of 16MHz to 2000MHz.

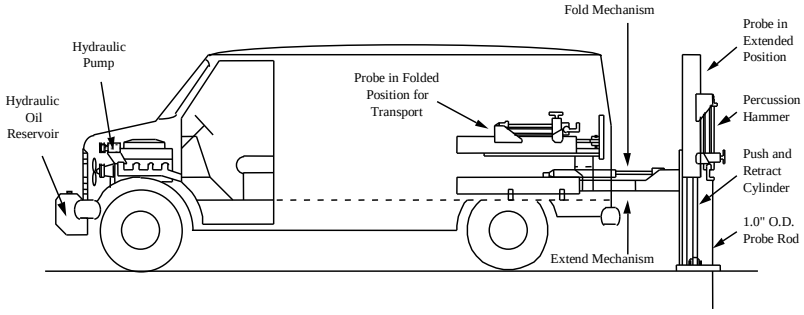
A qualified Impact Environmental Consulting, Inc. technician will specify a coordinate system on the planimetric surface of the site to map any subsurface dielectric anomalies detected on the premises. The operator will use knowledge of the subsurface soil composition to calibrate the SIR-2 system to site-specific conditions. Factor settings such as range, gain, number of gain points, and scans per unit, may be modified to yield the most accurate data to describe the subsurface conditions.

Upon finding a dielectric anomaly, a more spatially specific coordinate system may be designed over the area to determine size, shape and orientation. The data collected during the survey will be reviewed by the operator and compared against past experience, technical judgment and prior site knowledge to classify any detected anomalies.

B.1.3 Subsurface Vapor Probe and Soil Boring Installation/Soil Sampling

Subsurface probes will be installed using a *Geoprobe* hydraulically powered probing tool. Mechanized, vehicle mounted probe systems apply both static force and hydraulically powered percussion hammers for tool placement (static down forces up to 18,000 pounds combined with percussion hammers of eight horsepower continuous output). Recovery of large sample volumes will be facilitated with a probe-driven sampler. The probe-driven sampler consists of a hollow probe, which opens via a remote-control mechanism at the selected sampling depth in the soil profile to allow soil to enter as it was advanced. Discrete media samples will be secured at the desired depths and contained within a non-reactive transparent plastic sleeve that lined the hollow probe. The plastic sleeves will be removed for subsequent inspection and sample aliquot acquisition.

Geoprobe Operating System



B.1.4 Sample Characterization

A visual inspection of all soil samples recovered for the hydrogeological study will be conducted to classify the sample media. Color classifications will be made in accordance with the Munsell Classification System. Gradation classifications will be made in accordance with the Unified Soil Classification System.

B.1.5 Field Headspace Analysis

Headspace analysis will be performed on each of the acquired soil samples utilizing a portable photo ionization detection meter to measure what, if any, hydrocarbon concentrations were present in isolated portions of the secured samples. Calibration of the PID will be conducted prior to sampling using a span gas of known concentration. Headspace analysis will be conducted by partially filling a wide-mouth glass container with sample aliquot and sealing the top with aluminum foil, thereby creating a void. This void is referred to as the sample headspace. To facilitate the detection of any hydrocarbons contained within the headspace, the container will be agitated for a period of thirty (30) seconds. The probe of the vapor analyzer will then be injected through the foil into the headspace to measure the hydrocarbon concentrations present. A Photovac Micro-Tip, photo ionization detection meter (PID) will be the organic vapor analyzer selected for the headspace analysis. A PID utilizes the principle of photo ionization for detection and measurement of hydrocarbon compounds. A PID does not respond to all compounds similarly; rather, each compound has its own response factor relative to its calibration. For this investigation, the PID will be calibrated to isobutylene. Hydrocarbon relative response factors for a PID calibrated to isobutylene are published by the manufacturer.

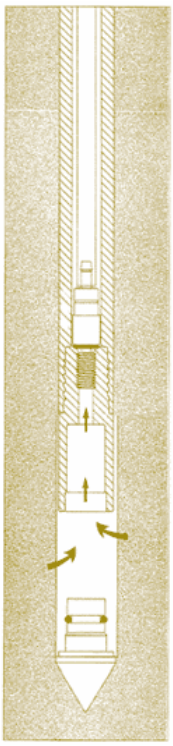
B.1.6 Soil Gas Survey – Photoionization Detector

The concrete slab will be cored at the sampling points using an electric powered core drill. Subsurface probes will be installed using *Geoprobe* manual probing tools. The probes will be equipped with retractable points that allow for soil gas to be measured at discrete depths. Each soil gas sample will be collected from the retractable point utilizing 3/8-inch in diameter disposable tubing. The soil gas will be drawn (purged) for approximately 15 seconds using a portable vacuum pump. The photo ionization detector will then be attached to the tubing to secure a soil gas reading.

B.1.7 Soil Gas Survey –Laboratory Analysis

Subsurface probes will be installed using a Geoprobe operating system. The probes will be equipped with a port run tubing system that allows for soil gas to be measured at discrete depths (see diagram below). This soil-gas sampling device uses a vacuum tight seal that isolates the sample acquisition to the specified depth. This device will assure quality control of the multi-depth soil-gas samples and eliminate the potential for inaccurate data. Each soil gas sample will be collected from the port run tubing system-utilizing 3/8-inch in diameter disposable Teflon tubing. The soil gas will be drawn (purged) for approximately 30 seconds using a portable vacuum pump. The soil gas will be pumped into a decontaminated portable pump and collected within a tedlar bag for preservation. Purging and sample collection flow rates will not exceed 0.2 liters per minute.

Geoprobe Port Run Tubing System



Tracer gas field testing, using helium gas, will be performed on all implants prior to sampling, to verify the integrity of each implant seal and to limit the possibility of sample dilution from surface air. The tracer gas field test will consist of sealing the area surrounding the implant with plastic sheeting and then introduce the tracer gas underneath the sheeting, so that the area where the probe intersects the ground is immersed in the tracer gas. A Model MGD-2002 Multi-Gas Leak Locator or equivalently approved helium detector will be connected to the soil vapor implant and sub-slab vapor implant, in accordance with Section 2.7.5 of the *October 2006, Guidance for Evaluating Soil Vapor Intrusion in the State of New York* NYSDOH guidance document, and tracer gas concentrations in the well will be recorded in the sampling log sheet. This procedure will be duplicated at each implant, prior to sample collection. The laboratory will confirm the field tracer gas tests by first analyzing approximately 85 to 90% of each sample canister for VOC's via USEPA method TO-15 and then use a helium detector to analyze the remaining contents in the Summa Canisters.

The sampling logs with the recorded field tracer gas test measurements and the tracer gas measurements reported by the laboratory will be submitted to NYSDEC with the initial sampling round report. NYSDEC will review the field and laboratory tracer gas test results to determine if the bentonite/cement grout seal

for each implant will require repairs and/or replacement to reduce the infiltration of ambient air and if additional tracer gas field/laboratory testing is required in the subsequent soil vapor sampling round.

B.1.8 Permanent Well Installation

Permanent monitoring wells are installed to provide repeated access to groundwater for collecting samples, as well as for obtaining water-level and other field data. Because monitoring wells are used to collect samples, it is important that construction materials not interfere with sample quality either by contributing contaminants or by sorbing contaminants already present. Further, construction materials must be compatible with (i.e., not degraded by) contaminants present in soils or groundwater.

Monitoring wells are potential contaminant migration routes between aquifers or from the surface to the subsurface. Construction procedures and standards must ensure that neither passive nor active introduction of contaminants can occur. Properly installed hydraulic seals and locking well covers reduce the potential for cross-contamination of monitoring wells.

Equipment needed:

- Drilling or auguring equipment appropriate to site conditions, drilling depth, and other project requirements.
- Drill bits appropriate for the expected soil and rock type(s) to be encountered.
- Sufficient threaded flush-joint riser pipe of an approved material [stainless steel, polyvinyl chloride (PVC)] in convenient lengths. *(NOTE: No glues are permitted.)*
- Sufficient threaded flush-joint slotted screen of an approved material (stainless steel, PVC) to meet design criteria. *(NOTE: No glues are permitted.)*
- Properly sized and washed filter pack material (quartz sand) in sufficient volume to meet well design criteria.
- Powdered bentonite.
- Photoionization detector.
- Steel surface casing (if required).
- Steel protective casing with locking cap.
- Tremie pump and pipe.
- Protective clothing, as required.
- Weighted measuring tape.

The following steps will be followed when installing monitor wells:

1. Advance the borehole to the required depth using a bit or auger flight of a diameter sufficient to allow for insertion of the tremie pipe when the casing is centered. It is preferred that the borehole be at least 2 inches in diameter larger than the casing diameter. The borehole should be drilled slightly deeper than required for the combined length of casing and screen. The final completion depth should be sounded with a decontaminated, weighted tape before continuance of well placement.

2. Make up the screen for installation. The casing and screen must be decontaminated. Tighten joints.
3. Withdraw the drill rods and bit through the auger flights. Check the borehole depth with a weighted surveyor's tape.
4. Lower the casing string into the drill casing.
5. Install the filter pack. Six inches or more of filter pack material should be spotted at the bottom of the hole, under the screen. Filter pack will be installed to 2 - 3 feet above the top of the screen.
6. Check the depth to the top of the filter pack with a weighted tape.
7. Tremie, or for shallow wells (<35 feet), gravity feed bentonite onto the top of the filter pack.
8. Pure bentonite grout (or equivalent) will be used as the annular seal, grout will be mechanically mixed with the appropriate amount of water. For shallow wells (<35 feet) granular bentonite may be substituted for grout.
9. Tremie the grout into the annulus using a tremie. Slowly withdraw the tremie pipe as the annulus fills. Grout the well to within 1 foot of the surface. Compare actual volume of grout placed with calculated volume. Both should be annotated in the field logbook.
10. After installing grout, dismantle and clean tremie equipment.
11. Finish the concrete pad so that it slopes away from the wellhead in all directions with a minimum thickness of 4 inches. If weather conditions warrant, cover the concrete until cured. Lock the well cover.
12. If the well design specified guard posts, dig the holes and set the guard posts in concrete separate from the concrete pad. Posts and concrete must extend to a depth of 2 feet.
13. Record the appropriate construction/completion information in the field logbook and on the appropriate monitoring well installation.
14. If a form was used for the concrete pad, return to the well site after the concrete has cured for at least 24 hours and remove the form. Backfill around the pad with native soil. Drill a weep hole for protective casing and just above the concrete pad.
15. The well identification should be marked on the protective casing and PVC cap. Paint the well cover and posts, if required.

B.1.9 Well Development

Monitor wells are developed to remove fines from the filter pack. Wells should not be developed for 24 hours after completion when a bentonite grout is used to seal the annular space. However, wells may be developed before grouting if conditions warrant. Wells are purged immediately before groundwater sampling to remove stagnant water and a sample representative of groundwater conditions. Wells should be sampled within 3 hours of purging (optimum) to 24 hours after purging (maximum, for low recharge conditions).

Equipment needed:

- Pump, pump tubing, or bailer and rope or wire line
- Water-level meter
- Temperature, conductivity and pH meters
- Personnel protective equipment as specified in the site-specific HASP
- Decontamination supplies
- Disposal drums, if required
- Photoionization Detector

Procedures.

The following steps will be followed when developing wells:

1. Put on personnel protective clothing and equipment as specified in the site-specific HASP.
2. Open and check the condition of the wellhead, including the condition of the surveyed reference mark, if any. Use photoionization detector at wellhead to determine the presence of VOCs (if applicable).
3. Determine the depth to static water level and depth to bottom of the casing.
4. Prepare the necessary equipment for developing the well. There are a number of techniques that can be used to develop a well. Some of the more common methods are bailing, surging and purge, and over pumping.
5. Continue well development until produced water is clear and free of suspended solids.
6. Remove the pump assembly or bailers from the well, decontaminate, and cleanup the site.
7. Lock the well cover before leaving. Dispose of produced water as required by the project work plan.

B.1.10 Monitoring Well Sampling

Monitoring well sampling is conducted with the goal of collecting data representative of groundwater conditions in the subsurface. The data obtained from a sampling event is typically very important for decision making, as it may be used to identify the presence of constituents of concern in groundwater, monitor the performance of a remedial measure, or evaluate the risks to potential receptors.

A written site specific monitoring or sampling plan is typically available that identifies the frequency of sampling, the wells to be monitored, equipment to be used, required laboratory analytical methods and parameters, sampling procedures, equipment decontamination procedures, sample quality

assurance/quality control (QA/QC) measures and data reporting requirements. Each monitoring or sampling plan will vary from one site to the next and should be reviewed when planning for a monitoring well sampling event.

Equipment:

The following is a list of standard equipment needed to conduct monitoring well sampling. Additional equipment may be required based on the sampling techniques and site conditions.

- Health and Safety Plan (HASP)
- Field Book
- Personal Protective Equipment
- Decontamination Equipment
- Traffic Control Devices
- Polyethylene Sheeting
- Bailers
- String
- Pumps
- Power Source to Operate Pumps
- Water Level Meter
- Tubing
- Buckets
- Sample Bottles
- Cooler
- Ice
- Bubble Wrap
- Calculator
- Disposable gloves

Procedures

Monitoring Well Gauging

Monitoring wells are typically gauged before sampling. Gauging includes measuring the depth to water (and/or non-aqueous phase liquids) and depth to bottom in the monitoring well with an electronic water level meter (WLM) or electronic interface probe (EIP). An EIP is used to gauge a well that contains non-aqueous phase liquids (NAPL-floating product). If wells do not contain NAPL, then a WLM is sufficient. The list of monitoring wells to be gauged should be provided in the monitoring or sampling plan and listed on the PTA. The entire network of monitoring wells should be gauged before sampling begins.

Sample Bottles

Groundwater samples are collected into laboratory supplied bottles. Bottles are typically ordered from the laboratory in advance of the sampling event. The size, bottle material (glass, plastic), and number of

bottles required for each sample will depend on the constituents being analyzed for and the analytical methods. Bottles delivered from the laboratory may contain a small amount of preservative. The preservative is to remain in the bottle. Overfilling the bottle may result in dilution of the preservative and should be avoided. When sampling for volatile compounds, no air (bubbles) may be present in the sample bottle.

Sampling Techniques

Many different techniques exist for sampling monitoring wells. The techniques vary depending on the constituents of concern, depth to groundwater, diameter of monitoring well and regulatory requirements. The technique appropriate for a specific site should be identified in the monitoring and sampling plan

Purging

Many of the sampling techniques include purging the monitoring well prior to sample collection. Purging is indented to remove stagnant water from the monitoring well after which a representative sample of the groundwater from the subsurface can be collected. During purging, three to five volumes of standing water in the well are removed. The volume of water in a monitoring can be calculated using the following equation:

Feet of standing water in well * Conversion factor = 1 well volume

Example:
10' * 0.65 = 6.5 gallons (1 well volume)

Well Diameter (in inches)	Conversion Factor
½	0.01
1	0.04
2	0.16
3	0.37
4	0.65
6	1.50

Purge water must be managed in accordance with the monitoring or sampling plan and local regulations.

Field Monitoring

Monitor indicator parameters (main indicator parameter for VOCs is DO) during purging, monitor and record the field indicator parameters (turbidity, temperature, specific conductance, pH, Eh and DO) at three to five-minute intervals. The well is considered stabilized and ready for sample collection when the indicator parameters have stabilized for three consecutive readings as follows:

1. 50 NTUs for turbidity

+/-0.1 for pH

2. +/-3% for conductance
3. +/-10 mv for redox potential
4. +/-10% for DO and turbidity

Sample Chain of Custody

The chain of custody (COC) form is used to record the inventory of samples to be delivered to the laboratory and document the transfer of custody from the sampler to the laboratory. All samples, including QA/QC samples, to be delivered to the laboratory must be listed on the COC along with requested analytical methods and parameters. The COC is to remain with the samples from the time of collection until receipt at the laboratory.

Sample Handling, Storage and Shipment Samples should be stored in laboratory-supplied coolers immediately after sampling. The cooler must contain ice in order to bring the temperature of the sample to 4 degrees Celsius. Samples must remain on ice until received by the laboratory. Care must be exercised to ensure that bottles do not break during handling of the cooler. Glass-on-glass contact often leads to breakage and should be avoided by wrapping each bottle in bubble wrap material.

Samples are to be delivered to the laboratory in coolers as soon as possible after collection. Each laboratory analytical method has a unique holding time, which is defined as the maximum time between sample collection and analysis by the laboratory. Samples analyzed after the hold time are usually considered invalid. Hold times may vary from one day to 6 months depending on the laboratory analytical methods. Holding time information can be obtained from the laboratory. It is the responsibility of the sampler to confirm that the delivery method will ensure receipt of the samples by the laboratory within the allotted holding time.

Sample delivery options include: shipment by common courier, personal delivery to the laboratory and delivery by the laboratory's courier service. Each laboratory may have a preferred sample delivery process. Coolers must be packed with sufficient amounts of ice and bubble wrap material to ensure the samples will be received by the laboratory intact and at an acceptable temperature. A custody seal, provided by the laboratory, should be placed over the opening between the lid and the base of the cooler, and the seal ID number recorded on the chain of custody form. The custody seal provides a means of alerting the laboratory if the cooler has been opened, and potentially tampered with, between the time it was sealed by the sampler and received by the laboratory. Guidance on cooler packing may be obtained from the laboratory.

Decontamination

Decontamination is necessary to avoid cross-contaminating samples. Sampling equipment that is not dedicated to a specific well must be decontaminated before sampling and after each sample is collected. Decontamination procedures may be specific to the site's monitoring or sampling plan. Typical equipment decontamination procedures may include rinses in the following sequence:

1) Tap water rinse
2) Alconox rinse
3) Tap Water Rinse
4) Deionized water rinse

When possible, samples should be collected from the least contaminated wells first and progress onto the more contaminated wells in order to reduce chances of sample cross-contamination.

Documenting a Monitoring Well Sampling Event

Information from the monitoring well sampling event must be documented on a field data form or recorded in the site-specific field book. Information to be recorded includes weather conditions, well integrity issues, well gauging information, purge volumes, sampling equipment and supplies used, sample identifications, sample collection times and the presence of any conditions that may compromise the integrity of the samples.

B.1.11 Low Flow Well Purging and Sampling

Purpose

The purpose of the low flow (low formation stress) purging and sampling procedure is to collect groundwater samples from monitoring wells that are representative of ground water conditions in a particular geological formation. This is accomplished by setting the intake velocity of the sampling pump to a flow rate, which limits drawdown inside the well casing. The placement of the intake of the sampling pump should be midway within the most permeable zone of the formation.

Equipment

- Pump system (adjustable rate, positive displacement groundwater sampling pump e.g., bladder or centrifugal pump)
- Control box (with or without a built-in compressor)
- Compressed Nitrogen tank (if necessary)
- Indicator parameter monitoring device(s)

- Flow measurement device (Flow cell)
- Personal Protection Equipment (PPE)
- Field Book
- Health and Safety Plan (HASP)
- Tools to access monitoring wells
- Disposable gloves
- Kevlar gloves
- Safety cones
- Sample containers (provided by laboratory)
- Chains of Custody (provided by laboratory)
- Blank or Pre-printed labels
- Glassware with appropriate preservative (provided by the laboratory)
- Ice
- Calculator
- Adsorbent pads
- Electronic interface probe
- Decontamination equipment
- String
- Appropriate size bailers
- Tubing (preferably Teflon for organics)

Procedure

Remove the gripper cap at all well locations and allow the water table to equilibrate, take care to secure all wells by closing the flush mount covers. Start sampling at the well-known or believed to have the least contamination and systematically to the most contaminated well, remembering to conduct proper decon procedure. During gauging and sampling activities equipment should not come into direct contact with the ground surface, plastic sheeting may be utilized as a clean and disposable working surface.

Slowly lower the pump to the depth specified for that well, the pump intake should never be set within two feet of the bottom of any well. This prevents disturbance and resuspension of any sediment. Record the depth of the pump intake. Re-measure the water level and begin purging, keeping the purge rate within 200-500 millimeters per minute (ml/min). Water level should be measured and recorded at three to five-minute intervals. Ideally, a steady flow rate should be maintained that results in a stabilized water level (drawdown of 0.3 ft or less is desired). Monitor indicator parameters (main indicator parameter for VOCs is DO) during purging, monitor and record the field indicator parameters (turbidity, temperature,

specific conductance, pH, Eh and DO) at three to five-minute intervals. The well is considered stabilized and ready for sample collection when the indicator parameters have stabilized for three consecutive readings as follows:

1. 50 NTUs for turbidity
2. +/-0.1 for pH
3. +/-3% for conductance
4. +/-10 mv for redox potential
5. +/-10% for DO

Collect sample from dedicated or disposable tubing. Remove any non-dedicated equipment from the well. Secure all wells. Fill out the chain of custody. At the end of the sampling day, coolers will be taped shut with the custodian's initials placed on custody seals at points of entry. Samples will be shipped via lab courier to the contract laboratory for morning delivery, picked up by courier or delivered directly to the laboratory by the field personnel at the end of the sampling day.

Contact with the laboratory will be made within 24 hours after each sampling event to ensure that samples arrived safely and with proper integrity preserved.

B.1.12 Grouting Bore Holes

Subsequent to the completion of each soil and groundwater probe installed during the remedial investigation, bottom-up grouting of the borehole will be conducted to grade. The grouting system was designed specifically for direct push applications. With powerful reciprocating (piston) pumps, the Geoprobe Grout Machines will deliver standard ASTM grout materials through 1.25-inch diameter Geoprobe probe rods or through 3/8-inch (1/4-inch inside diameter) polyethylene tubing. The pump is rated at 1000 psi with flow rates from 0.9 to 2.3 gpm.

B.1.13 Emerging Contaminant PFAS

The NYSDEC requires analysis for Per- and Polyfluoroalkyl Substances (PFAS) for new remedial program Sites as part of the investigation of potentially affected media, including soil, groundwater, surface water and sediment as an addition to the standard TAL/TCL sampling. Soil vapor sampling for PFAS is not required.

The following is the list of the 21 PFAS compounds identified by the NYSDEC for investigation:

- Perfluorobutanoic Acid
- Perfluoropentanoic acid
- Perfluorohexanoic acid
- Perfluoroheptanoic acid
- Perfluorooctanoic acid (PFOA)
- Perfluorononanoic acid
- Perfluorodecanoic acid
- Perfluoroundecanoic acid
- Perfluorododecanoic acid
- Perfluoro-n-tridecanoic acid
- Perfluorotetradecanoic acid
- Perfluorobutane sulfonic acid
- Perfluorohexane sulfonic acid
- Perfluoroheptane sulfonic acid
- Perfluorooctane sulfonic acid (PFOS)
- Perfluorodecane sulfonic acid
- 6:2 Fluorotelomersulfonic acid
- 8:2 Fluorotelomersulfonic acid
- Perfluorooctanesulfonamide
- N-methyl perfluoro-1-octanesulfonamidoacetic acid
- N-ethyl perfluoro-1-octanesulfonamidoacetic acid

PFAS Sampling Protocol:

Since the probability of false positives is relatively high during PFAS sample collection, due to the potential for many sources of cross-contamination combined with the low laboratory detection limits, guidance is needed for staff who will perform subsurface investigation activities (i.e., soil borings, monitoring well installation) and for staff collecting and/or handling PFAS environmental samples.

There are many products/materials/supplies that contain PFAS which pose a greater risk for introducing PFAS contamination into a sample during the sample collection process. These sources include the water used during drilling or decontamination, materials used within the sampling environment, sampling equipment, field clothing and personal protective equipment, sun and biological protection products, personal hygiene and personal care products, food packaging and the environment itself.

Field Clothing and Personal Protective Equipment (PPE)

Due to the extensive use of PFAS in many industries and products, clothing and PPE are likely to contain PFAS. Personnel completing field investigation work that will include the collection of samples for PFAS

analysis will need to address the physical, chemical and biological hazards associated with the Site. Field planning is essential to mitigate the potential for PFAS cross-contamination and to maintain personal safety.

- No clothing or boots with protective coatings can be worn (e.g., waterproof, water-repellent, fire-repellant or stain-resistant clothing or footwear). No Gore-Tex® or Tyvek material clothing/boots.
- Clothing worn during the collection of samples for PFAS analysis should be made of natural fibers (preferable cotton) and must have been previously washed a minimum of 5 times (i.e. no new clothing), without fabric softener and not with other clothing that may contain coatings.
- Use disposable, coating-free polyethylene coveralls and boot as applicable.
- Do not use personal care products on the day of sample collection:
    - Use PFAS-free soap and shampoo when scheduled for sample collection.
    - Limit toothpaste, mouthwash and dental floss to fluoride free options.
    - Do not use lotions, moisturizers, cosmetics, sunscreen or insect repellents prior to sampling.
- Use disposable, nitrile gloves.
- Do not use aluminum foil, prepackaged food, fast food wrappers or containers.

Field Sampling Equipment/Materials:

Because of the potential presence of PFAS in equipment typically used for drilling and to collect soil, groundwater, surface water, sediment, and drinking water samples, as well as the need for very low reporting limits, special handling and care must be taken when collecting samples for PFAS analysis to avoid sample contamination. The following guidance should be considered when using field sampling equipment.

- A screening of the equipment and materials that will be used during field sampling activities must be completed to identify equipment/materials that may be potential PFAS sources.
- Identify and use a PFAS free water source for drilling and decontamination of equipment.
- Use high density polyethylene [HDPE] water holding tanks.
- Use HDPE or silicone tubing materials.
- Use HDPE or polypropylene containers with HDPE or polypropylene caps.
- Use regular ice and Ziploc bags where there is no direct contact with the sample.
- Use loose plain paper, metal clipboard, ballpoint pens.
- When feasible, utilize single-use, disposable polyethylene or silicone materials (tubing, bailers, etc.) for monitoring well purging and sampling.

- Consumable core liners and catchers must be PVC.
- When using positive displacement/submersible pumps, familiarize yourself with the sampling pump/accessory equipment specifications to confirm that the device components do not contain Teflon® or Polytetrafluoroethylene (PTFE). Do not use pumps and tubing that contain Teflon™ and other fluoropolymer-containing materials.
- Do not use waterproof/treated paper or field books, plastic clipboards, water proof markers, Post-its and other adhesive paper products.
- Do not use passive diffusion bags for groundwater sampling.
- Do not use low density polyethylene (LDPE) sampling equipment/materials.
- Do not use drill casing thread lubricants that contain PFAS. Verify with supplier.
- Do not use LDPE or glass bottles with Teflon™-lined caps.
- Do not use chemical ice packs (i.e., Blue ice®).
- Do not handle any packaged food or drinks, aluminum foil, adhesive labels, etc. at or around sampling site.

Equipment Prep and Decontamination Procedures

The following procedure should be used to decontaminate HPDE, polypropylene or stainless-steel equipment used to collect samples for PFAS analysis. Because of the extremely low detection and reporting levels required for PFAS analysis, precaution should be taken to ensure decontamination materials (e.g., soap, tap water, deionized water) are not contaminated with PFAS prior to use. Traditional best practice techniques and procedures shall be subject to modification to prevent the introduction of non-site-derived contaminants including PFAS. Sample containers will be new and used only once for each sample and disposable equipment (e.g., gloves, tubing, etc.) will not be reused, therefore; these items will not require decontamination. All non-dedicated or non-disposable sampling equipment (i.e., the stainless-steel compositing vessel(s), flow-through cell, etc.) will be decontaminated between sample locations. The following guidance should be considered when preparing equipment and decontamination of equipment.

- An equipment decontamination area with a decon pad should be set up in the field to accommodate the sampling and drilling equipment.
- General Sampling Equipment Decon:
    - Rinse equipment with PFAS free – municipal PFAS free water to remove solids.
    - Use a polyethylene or poly vinyl chloride (PVC) brush and a low-phosphate lab detergent (i.e., Alconox) to scrub the equipment to remove residue and particulates.
    - Triple rinse clean equipment with PFAS Free deionized water and let air dry.

- Decontaminate sampling equipment after sampling at each location, or at the end of the field work day.
- The decontamination water should be changed between equipment cleanings.
- Clean, decontaminated equipment will be placed on clean polyethylene plastic or HPDE sheets to air dry. Direct contact with the ground will be avoided.

- Drilling Equipment Decon:
  - Drilling equipment, including rig, tooling, augers, bits, samplers, tremie pipes, etc. will be cleaned with a hot water pressure washer within a decon pad constructed of on clean polyethylene plastic or HPDE sheets and barriers to contain liquid generated.
  - The clean drilling equipment will be rinsed with PFAS Free deionized water and let air dry on clean polyethylene plastic or HPDE sheets.
  - Drilling equipment must be cleaned before beginning work (when applicable), in-between/following completion of borings, wells, and at the end of the field work day.
  - Tools, drill rods, and augers will be placed on polyethylene plastic or HPDE sheets following pressure washing. Direct contact with the ground will be avoided.
  - Decon water will be temporarily collected in 55-gallon drums and transported to a waste accumulation area for later disposal.
- Well Development Equipment Decon:
  - Prior to well development, non-dedicated equipment (e.g., bailers, PFOS-free pumps, etc.) will be washed with potable water and a PFC/phosphate-free detergent (i.e., Alconox®).
  - The sampling equipment will then be rinsed with potable water followed by a triple rinse with PFAS Free deionized water.
  - The clean/decontaminated equipment will be placed on polyethylene plastic or HPDE sheets to air dry. At no time, will washed equipment be placed directly on the ground.
  - Decon water will be temporarily collected in 55-gallon drums and transported to a waste accumulation area for later disposal.

Sample Collection

PFAS are ubiquitous in consumer products and the pervasive presence of these chemicals coupled with very sensitive analytical methods makes contamination of samples both in the lab and the field a significant concern from sources extraneous of the environmental media being sampled. The following guidance should be considered when undertaking collection of samples for PFAS analysis.

- Transport of sample collection supplies and equipment have the potential to come into contact with carpets and fabric in vehicles which have likely been treated with stain-resistant/water proofing containing PFAS. Steps should be taken to minimize this contact by packaging supplies

and equipment in the designated coolers and/or using polyethylene plastic or HPDE sheets as a barrier.

- Sample container labels should be prepared to the extent possible using a ball-point pen only before arrival at the sampling site and completed at the Site with a ball point pen; do not use sharpie or other permanent markers. No waterproof logbooks or plastic clipboards are to be used.
- Keep materials/equipment that may contain PFAS away from the sampling area and avoid physical contact with anything likely to contain PFAS (e.g., food, clothing, personal care products, etc.) during the sample collection process.
- Maintain an inventory of items used/maintained in the sampling area.
- If other sampling is to be performed, ALWAYS collect PFAS samples first. This avoids contact with any other type of sample container, bottles or package materials
- All sample containers use for PFAS sampling must come from the laboratory that will also be performing the PFAS analysis. Recommended sampling containers should be HDPE bottles fitted with unlined (no Teflon) polyethylene screw caps.
- Sample containers must be stored in a PFAS free container prior to sampling.
- For all environmental media, hands should be washed well before sampling.
- Wear disposable, powder free nitrile gloves to handle sampling equipment and sample containers. Clean nitrile gloves should be used when collecting the sample.
- Take precautions not to touch any surfaces prior to sample collection.
- As with all other samples, do not place the sample bottle cap on any surface when collecting the sample, and avoid all contact with the inside of the sample bottle or its cap.
- Sample directly into the provided HDPE bottle seal with cap. Place the bottles into individual sealed plastic bag (e.g. Ziploc®) separate from other samples in a clean, dedicated cooler for PFAS samples only.
- Use bagged ice (PFAS free) in the dedicated PFAS sample cooler; NO chemical ice packs in this cooler.
- No samples collected for other parameters can be stored with the PFAS samples.

PFAS Analysis and Reporting

The designated analytical laboratory must provide a full category B deliverable, and a DUSR will be prepared by an independent 3rd party data validator. QA/QC samples will be collected as required in DER-10, Section 2.3(c).

Modified EPA Method 537.1 is the preferred method to use for environmental samples due to its ability to achieve very low detection limits. Reporting limits for PFAS in groundwater and soil are to be 2 ng/L (ppt) and 0.5 ug/kg (ppb), respectively. If contract labs or work plans submitted by responsible parties indicate that they are not able to achieve these reporting limits for the entire list of 21 PFAS, site specific decisions will need to be made by the NYSDEC project manager in consultation with the NYSDEC remedial program chemist. Note: Reporting limits for PFOA and PFOS in groundwater should not exceed 2 ng/L.

The NYSDEC has developed a PFAS Analyte List for remedial programs. If lab and/or matrix specific issues are encountered for any compounds, the NYSDEC PM, in consul with the NYSDEC Remedial Program Chemist, will make case-by-case decisions as to whether certain analytes may be temporarily or permanently discontinued from analysis at each Site.

Summary of Prohibited and Acceptable Items for PFAS Sampling

Prohibited	Acceptable
Field Equipment	
Teflon/Silicone containing materials	HDPE, stainless steel, polypropylene materials
LDPE materials	Acetate liners
Waterproof field books/paper/bottle labels	Loose non-waterproof paper, and non-waterproof sample labels
Plastic Clipboards/binders/hard cover notebooks	Aluminum field clipboards or with Masonite
Waterproof markers/sharpies	Pens
Post-it-notes	Wet-ice
Chemical ice packs	
Field clothing and PPE	
New cotton clothing or synthetic water resistant, waterproof, or stain-treated clothing, clothing treated with Gore-Tex	Well laundered clothing made of natural fibers (preferably cotton)
Clothing laundered with fabric softener	No fabric softener
Boots containing Gore-Tex or treated with water resistant spray	Boots made with polyurethane and PVC
Tyvek	Laundered cotton clothing
Cosmetics, moisturizers, hand cream etc. as part of personal cleaning/showering routine, or non-natural toxic containing sunscreens and insecticides	Natural, non-toxic, and natural sunscreens/insect repellents.
Sample Containers	
LDPE or glass containers	HDPE or polypropylene
Teflon-lined caps	Unlined polypropylene caps
Rain events	
Waterproof or resistant rain gear	Wet weather gear made from polyurethane and PVC only
Equipment Decontamination	
Decon 90 Liquinox Water from onsite well	Alconox 7th Generation Free & Clear Dish Soap
Food considerations	
All food and drink with the exceptions of those noted on the right	Bottled water with hydration fluids (i.e. Gatorade and Powerade) to be brought and consumed only in staging areas
Vehicle Considerations	
Vehicle fabrics, carpets and mats may contain PFAAs	Avoid utilizing areas inside vehicles as sample/staging areas

B.1.14 Emerging Contaminant 1,4-Dioxane

The NYSDEC requires analysis for 1-4 Dioxane for new remedial program Sites as part of the investigation of potentially affected media, including soil, groundwater, surface water and sediment as an addition to the standard TAL/TCL sampling. Soil vapor sampling for 1,4-Dioxane is not required. 1,4-Dioxane is used as a stabilizer and inhibitor in chlorinated solvents, and used for a wide variety of other industrial processes. It is present in adhesives, sealants, cosmetics, pharmaceuticals, rubber chemicals and surface coatings.

The NYSDEC reporting limit for 1,4-dioxane in groundwater should be no higher than 0.35 µg/L (ppb) and no higher than 0.1 mg/kg (ppm) in soil. Materials used in environmental sampling can be a source of 1,4-dioxane contamination. 1,4-Dioxane also might be present in detergents used to decontaminate environmental sampling equipment.

Because of the potential presence of 1,4-dioxane in equipment typically used to collect environmental samples, as well as the need for very low reporting limits, special handling and care must be taken when collecting samples to avoid sample contamination. The best practice techniques and procedures provided in Section B.1.13 entitled *Emerging Contaminant PFAS* should be implemented when collecting samples for 1,4-dioxane analysis.

Although ELAP offers certification for both EPA Method 8260 SIM and EPA Method 8270 SIM in waters, the NYSDEC DER is advising the use of Method 8270 SIM because it provides a more robust extraction procedure, uses a larger sample volume, and is less vulnerable to interference from chlorinated solvents. The analysis currently performed for SVOCs in soil is adequate for evaluation of 1,4-dioxane in soil, which already has an established SCO.

B.2 QA/QC FIELD PROCEDURES

B.2.1 Decontamination Procedures

Prior to arrival on the Site and between sample locations, the probes will be decontaminated by steam cleaning, Alconox wash, and rinsing with distilled water. This will be followed by air drying as per project requirements. All sampling apparatus will be dedicated or disposable. A clean, new liner will be used for each sample. Parts will be inspected for wear and damage before each use.

B.2.2 Field Blanks

A field blank is a sample of analyte-free water transferred, at the project site, into an appropriate container for the purpose of distinguishing ambient air contamination from in-situ sample contamination. Field blanks are used to indicate potential cross contamination from sampling equipment as quality control of decontamination procedures. With regards to field sampling, one field blank will be collected for every work day. The procedures for obtaining a field blank sample are as follows:

- Collect two sets of sample vessels. One vessel shall contain analyte free water and the other is empty.
- Run the analyte free water through the decontaminated sampling equipment into the empty vessel. Analye the water of this collecting vessel for target analytes.

B.2.3 Trip Blanks

A trip blank is used to identify the presence of volatile compound contamination attributable to transfer across a sample container septum during shipping and storage of samples. A trip blank is a sample of analyte-free matrix that is transported from the laboratory to the sampling site with the sample containers. The trip blank is stored on-site with the sample containers and field samples and then transported back to the laboratory with the samples for analysis. The trip blank is received and processed as a sample by the laboratory. One trip blank shall be submitted per pickup from laboratory personnel.

B.2.4 Duplicate Samples

Duplicate sample collection will apply to groundwater, soil, soil vapor and ambient air samples collected at this Site. A duplicate (replicate) sample is collected to control the general sampling methodology that is being employed. This sample ensures that a representative sample is being collected. Duplicate samples may also be submitted to verify the accuracy of analytical results.

B.2.5 Matrix Spike/Matrix Spike Duplicate Samples

Matrix Spike/Matrix Spike Duplicate sample collection will apply to groundwater samples collected at this Site. A Matrix Spike and Spike Duplicate (MS/MSD) sample(s) are representative but randomly chosen client samples that have known concentrations of analytes of interest added to the samples prior to sample preparation and analysis. They are processed along with the same un-spiked sample. The purpose of the MS/MSD is to document the accuracy and precision of the method for that specific sample.

B.3 RECORD KEEPING AND DOCUMENTATION PROCEDURES

B.3.1 Sampling Documentation

The sample team or individual performing an activity shall be required to keep a weatherproof Site field notebook. The Site field notebook will be used on-site to record notes pertaining to the field sampling plan. Field notebooks are intended to provide sufficient data and observations to enable participants to reconstruct events that occurred during projects and to refresh the memory of the field personnel if called upon to give testimony during legal proceedings. In a legal proceeding, notes, if referred to, are subject to cross-examination and are admissible as evidence. The field notebook entries should be factual, detailed, and objective. All entries are to be signed and dated. All members of the field investigation team are to use this notebook, which shall be kept as a permanent record. The field notebook shall be filled out at the location of sample collection immediately after sampling. It shall contain sample descriptions including: sample number, sample collection time, sample location, sample description, sampling method used, daily weather conditions, field measurements, name of sampler, and other site-specific observations. The field notebook shall contain any deviations from the protocol contained herein, visitor's names, and community contacts made during sampling, and geologic and other site-specific information that may be noteworthy.

B.3.2 Sample Containers and Analytical Requirements

All sample vessels will be "level A" certified decontaminated containers supplied by a New York State Certified Commercial Laboratory. Samples analyzed for hydrocarbons will be placed in containers with Teflon lined caps. All samples will be preserved by cooling them to a temperature of approximately four degrees Celsius. If glass bottles are used, extra glass bottles will be obtained from the laboratory to allow for accidental breakage that may occur. Necessary preservatives will be placed in the sample bottles by the laboratory. The sample bottles will be handled carefully so that preservatives and glassware are not inadvertently spilled. All liquid samples will be put into 40-ml glass vials with Teflon liners.

B.3.3 Sample Tracking System

In order to provide for proper identification in the field, and proper tracking in the laboratory, all samples must be labeled clear and in a consistent fashion using the procedures and protocols described below and with the following subsections.

Sample labels will be waterproof and have a pre-assigned, unique number that is indelible.

Field personnel must maintain a field notebook. This notebook must be water resistant with sequentially numbered pages. Field activities shall be sequentially recorded at a later time. The notebook, along with the chain of custody form, must contain sufficient information to allow reconstruction of the sample collection and handling procedure at a later time. Each sample shall have a corresponding notebook entry that includes:

- Sample ID number
- Well location and number
- Date and time
- Analysis for which sample was collected
- Additional comments as necessary
- Sampler's name

Each sample must have a corresponding notebook entry on a chain-of-custody form. The manifest entry for sampling at any one location is to be completed before sampling is initiated by the same sampling team at any other location. In cases where the samples leave the immediate control of the sampling team, the samples must be sealed.

B.3.4 Sample Identification System

Each sample collected shall be designated by an alphanumeric code that shall identify the type of sampling location, the specific location, the matrix sampled, and a specific sample designation. Site specific procedures are described below.

Sample identifications shall contain a sequential code consisting of three segments. The first segment shall designate the project number. The second segment shall identify the location type. Location types shall be identified by a two-letter code. For example, MW will be used for monitoring well and GP for geoprobe. The third segment shall identify the specific sample location. The specific sampling location shall be identified using a three-digit number.

The fourth segment shall identify the matrix type and sample designation or identifier that identifies the sample depth, the sample event number, or other designation depending on the sample type. The matrix type shall be designated by a two-letter code. For example: GW will be used for groundwater. The sample identifier shall be represented by a two digit numeric code. Sampling events or rounds, such as for groundwater sampling shall be numbered in sequence beginning with "01" that corresponds to the round of sampling.

The following shall be a general guide for sample identification:

First Segment	Second Segment	Third Segment	Fourth Segment
NNN	AA	NNN	AANN
Project #	Location Type	Specific Type	Matrix Sample Identifier
455	GP	1	GW01

Symbol Definitions:	Location Type:	Matrix Type:
A = Alphabetic	MW = Monitoring Well	S = Soil
N = Numeric	GP = Geoprobe	GW = Groundwater

B.3.5 Sample Transfer

Samples shall be containerized and immediately transferred within a cooler to the mobile laboratory with minimal disturbance. Chain-of-custody forms will be completed at the time of sample collection and will accompany the samples inside a cooler for transfer from sample team to mobile laboratory representatives.

B.3.6 Chain-of-Custody Protocol

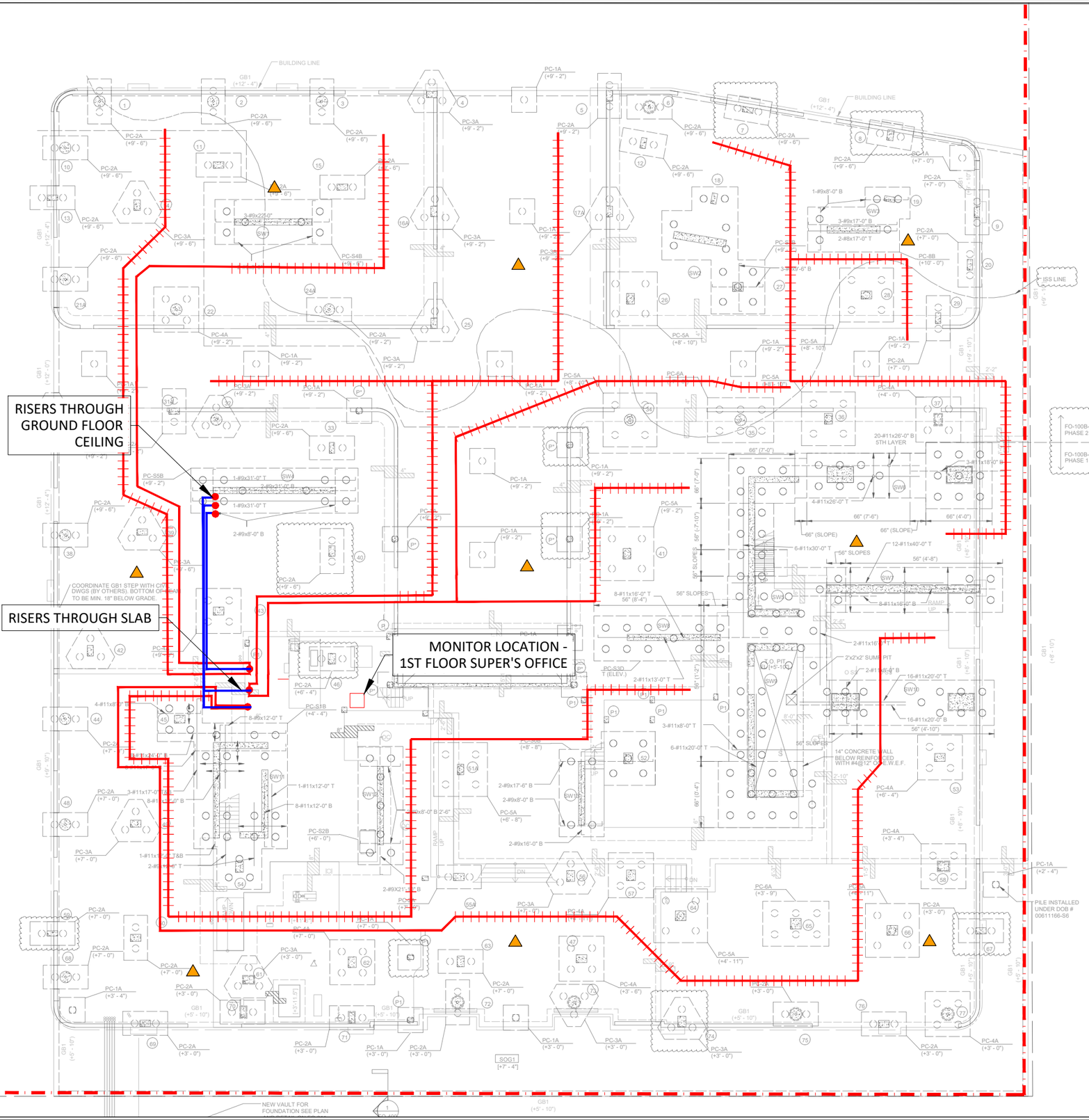
The primary objective of the sample custody procedures is to create an accurate written record that can be used to trace the possession and handling of all samples from the moment of their collection, through analysis, until their final disposition. Sample custody for samples collected during the investigation will be maintained by the field personnel collecting the samples. Field personnel are responsible for documenting each sample transfer and maintaining custody of all samples until they are transferred to the mobile laboratory.

Appendix N

As-Builts for Sub Slab Depressurization System

Site Management Plan
NYSDEC BCP #C224350

IMPACT ENVIRONMENTAL
170 Keyland Court
Bohemia, New York 11716
TEL: (631) 268-8800
FAX: (631) 269-1599



LEGEND

- PROPERTY LINE
- 4-INCH SOLID SCHEDULE 40 PVC - SUB-SLAB
- 4-INCH SLOTTED SCHEDULE 40 PVC - SUB-SLAB
- 6-INCH SCHEDULE 80 PVC - OVERHEAD
- VAPOR MONITORING/SUB-SLAB VAPOR SAMPLING POINT LOCATION
- RISER LOCATION

PROJECT NORTH

0' 20' 40'

NOTES:
1. PIPING SLOPE IS 1%.
2. VERTICAL RISERS TERMINATE ABOVE THE ROOF LINE OF THE STAIRWELLS FOR BOTH BUILDINGS.

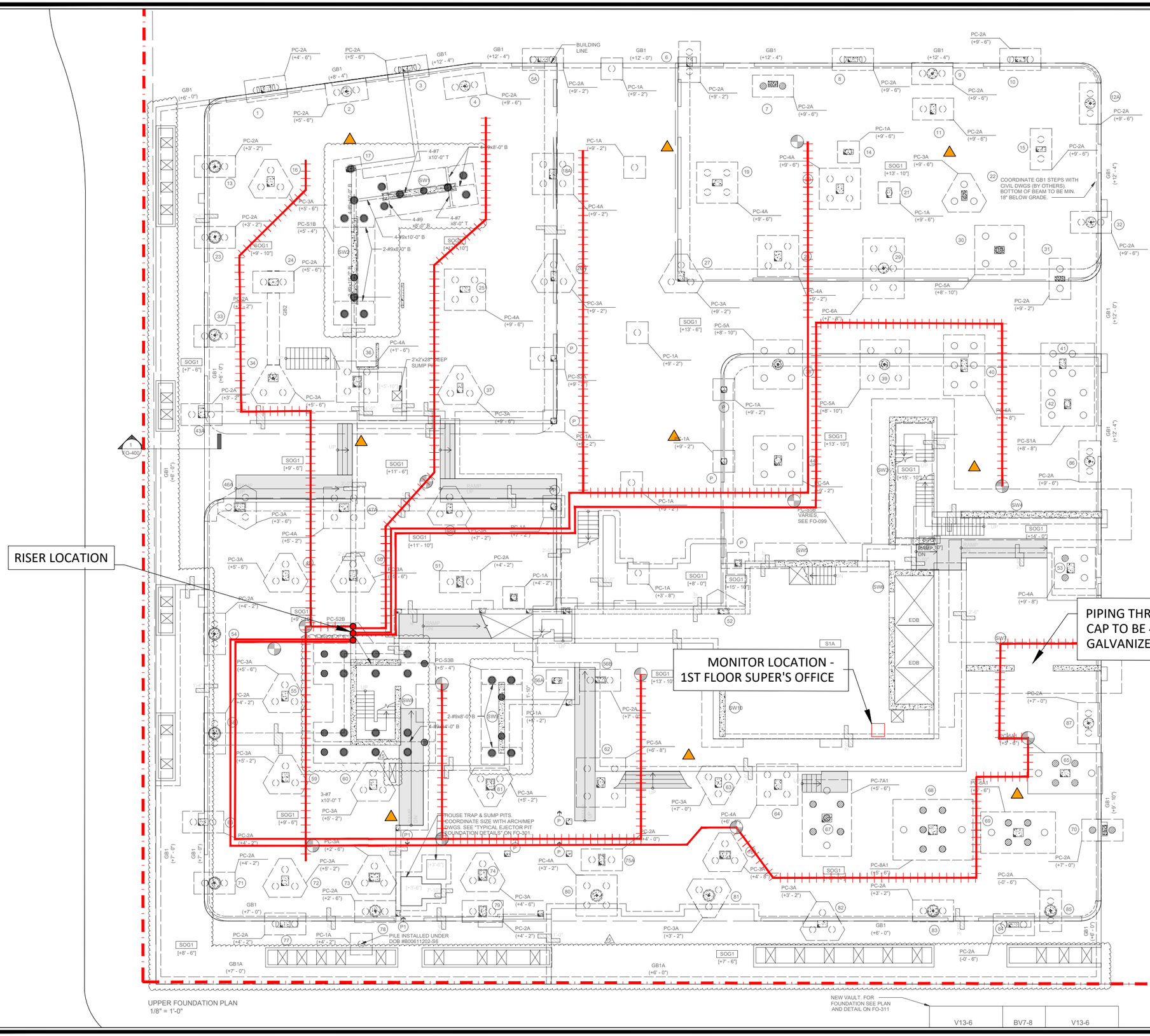
AS-BUILT SSDS: NORTH BUILDING GROUND FLOOR

318 Nevins Street
Brooklyn, New York

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	HB
DATE:	3/2/2026
SCALE:	1" = 20'

REVISIONS

IMPACT ENVIRONMENTAL ENGINEERING AND GEOLOGY PLLC
170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
TEL (631) 269-8800
FAX (631) 269-1599



LEGEND

- PROPERTY LINE
- 4-INCH SOLID SCHEDULE 40 PVC - SUB-SLAB
- 4-INCH SLOTTED SCHEDULE 40 PVC - SUB-SLAB
- VAPOR MONITORING/SUB-SLAB VAPOR SAMPLING POINT LOCATION
- RISER LOCATION

PROJECT NORTH

0' 20' 40'

NOTES:
1. PIPING SLOPE IS 1%.
2. VERTICAL RISERS TERMINATE ABOVE THE ROOF LINE OF THE STAIRWELLS FOR BOTH BUILDINGS.

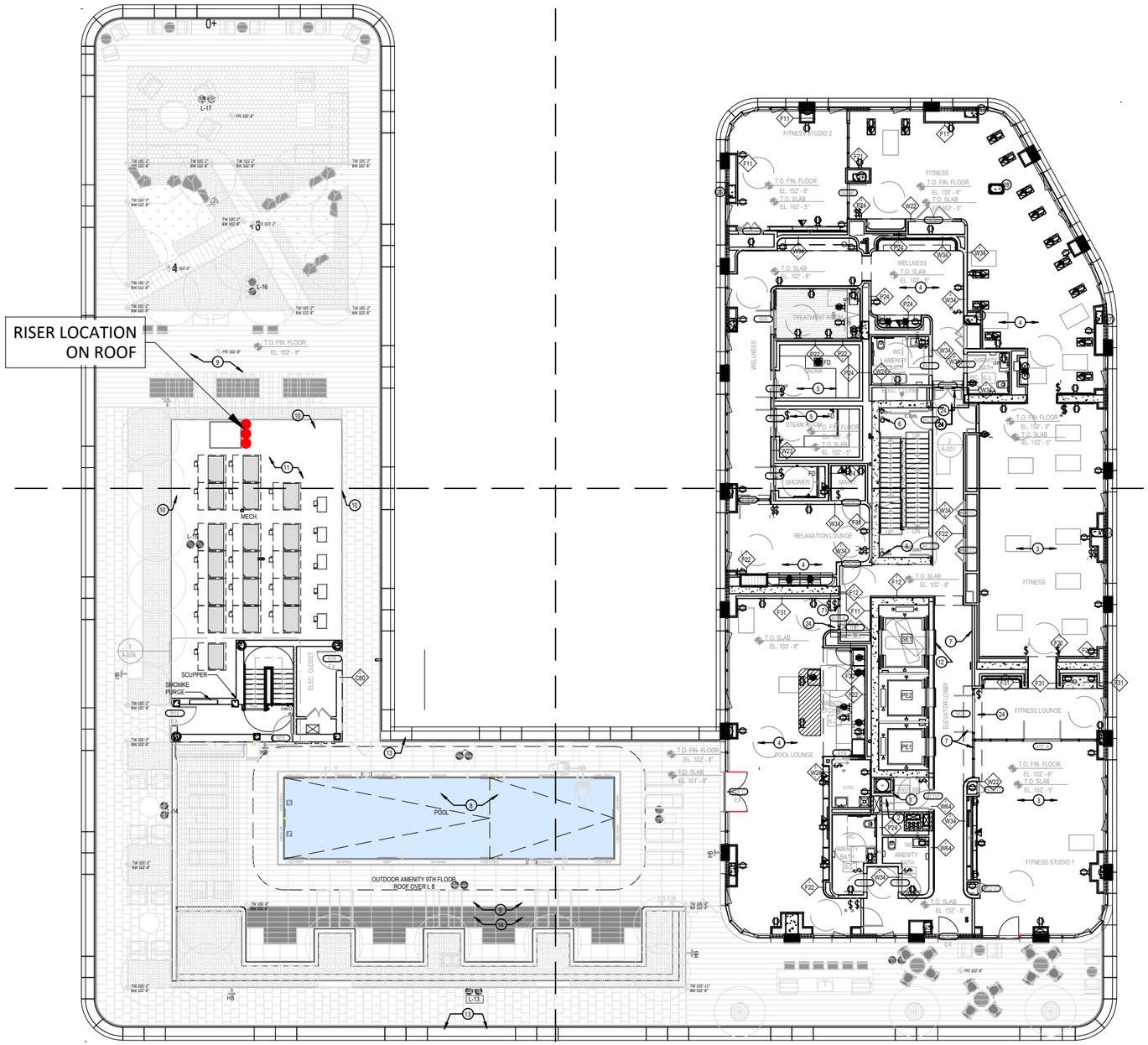
AS-BUILT SSDS: SOUTH BUILDING GROUND FLOOR

318 Nevins Street
Brooklyn, New York

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	HB
DATE:	8/27/2024
SCALE:	1" = 20'

REVISIONS

IMPACT ENVIRONMENTAL ENGINEERING AND GEOLOGY PLLC
170 KEYLAND COURT
BOHEMIA, NEW YORK 11716
TEL (631) 269-8800
FAX (631) 269-1599



PROJECT NORTH

LEGEND

- PROPERTY LINE
- RISER LOCATION

PROJECT NORTH

0' 20' 40'

NOTES:
1. PIPING SLOPE IS 1%.
2. VERTICAL RISERS TERMINATE ABOVE THE ROOF LINE OF THE STAIRWELLS FOR BOTH BUILDINGS.

AS-BUILT SSDS: NORTH BUILDING ROOF

318 Nevins Street
Brooklyn, New York

PROJECT NO.	15977-01
DESIGNED BY:	AB
DRAWN BY:	AB
CHECKED BY:	HB
DATE:	3/2/2026
SCALE:	1" = 20'

REVISIONS

IMPACT ENVIRONMENTAL ENGINEERING AND GEOLOGY PLLC
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