205 PARK AVENUE

205 PARK AVENUE
BROOKLYN, NEW YORK

Remedial Investigation Report

NYSDEC BCP Number: C224319

Prepared for:

462 Lexington, LLC

89 Bartlett St. Brooklyn, NY 11206

Prepared by:

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SEPTEMBER 2021

CERTIFICATIONS

I, Ernest Hanna, certify that I am currently a NYS registered professional engineer and that this Remedial Investigation Report 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).

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

065440	Septemebr 20, 2021	Ernest Hanna
NYS Professional Engineer #	Date	Signature

It is a violation of Article 145 of New York State Education Law for any person to alter this document in any way without the express written verification of adoption by any New York State licensed engineer in accordance with Section 7209(2), Article 145, New York State Education Law.

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Acronym	Definition
AOC	Area of Concern
AGV	Air Guidance Values
ASTM	American Society for Testing and Materials
AWQS	Ambient Water Quality Standards
BCA	Brownfield Clean-up Agreement
BGS	Below Ground Surface
BOA	Brownfield Opportunity Area
CAMP	Community Air Monitoring Plan
CHASP	Construction Health and Safety Plan
Cr^{6+}	Hexavalent Chromium
CSOP	Contractors Site Operation Plan
CVOCs	Chlorinated Volatile Organic Compounds
DCR	Declaration of Covenants and Restrictions
DER	Department of Environmental Remediation
DNAPL	Dense Non-Aqueous Phase Liquid
DUSR	Data Usability Summary Report
ECs/ICs	Engineering and Institutional Controls
EPA	Environmental Protection Agency
ESA	Environmental Site Assessment
FER	Final Engineering Report
ft	Feet
ft^2	Square Feet
GC	General Contractor
GPS	Global Positioning System
GZA	GZA GeoEnvironmental of New York
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations and Emergency Response
LNAPL	Light Non-Aqueous Phase Liquid
MCG/M^3	Micrograms per Cubic Meter
NOC	Notice of Completion
NYC VCP	New York City Voluntary Clean-up Program
NYC DEP	New York City Department of Environmental Protection
NYC DOB	New York City Department of Buildings
NYC DOF	New York City Department of Finance
NYC OER	New York City Office of Environmental Remediation
NYCRR	New York Codes Rules and Regulations
NYS DEC	New York State Department of Environmental Conservation

Acronym	Definition
NYS DOH	New York State Department of Health
NYS DOT	New York State Department of Transportation
NYS ELAP	Environmental Laboratory Accreditation Program
ORP	Oxygen Release Compound
OSHA	United States Occupational Health and Safety Administration
PBS	Petroleum Bulk Storage
PCBs	Polychlorinated Biphenyls
PCE	Tetrachloroethene
PE	Professional Engineer
PID	Photo Ionization Detector
PPE	Personal Protective Equipment
PPM	Parts Per Million
QA/QC	Quality Assurance/ Quality Control
QEP	Qualified Environmental Professional
QHHEA	Qualitative Human Health Exposure Assessment
RAOs	Remedial Action Objectives
RAWP	Remedial Action Work Plan
RECs	Recognized Environmental Condition
RI	Remedial Investigation
RIR	Remedial Investigation Report
RMZ	Residual Management Zone
Sanborn	Sanborn Fire Insurance Map
SCOs	Soil Cleanup Objectives
SCG	Standards, Criteria and Guidance
SMP	Site Management Plan
SHWS	Solid Hazardous Waste Site
SMMP	Soils/ Materials Management Plan
SQ FT	Square Feet
SVI	Soil Vapor Intrusion (Guideline)
SVOC	Semi-Volatile Organic Compound
TCE	Trichloroethene
TOGS	Technical and Operational Guidance Series
UST	Underground Storage Tank
VOC	Volatile Organic Compound

REMEDIAL INVESTIGATION REPORT

1.0 INTRODUCTION

462 Lexington, LLC has entered into an agreement with the New York State Department of Environmental Conservation (NYSDEC) under the New York State Brownfield Cleanup Program (NYS BCP) as a "volunteer" to investigate and remediate a property located at 205 Park Avenue, Block 2033, Lot 50, Brooklyn, New York (Site; NYSDEC Site No. C224319). **Figures 1 and 2** present the Site Location Plan and Site Plan, respectively.

A Remedial Investigation (RI) has been performed by Goldberg-Zoino Associates of New York P.C. d/b/a GZA GeoEnvironmental of New York (GZA), to evaluate Site data and information necessary to develop this Remedial Action Workplan in a manner that will render the Site protective of public health and the environment consistent with the contemplated end use. This Remedial Investigation Report (RIR) summarizes the nature and extent of contamination as determined from data gathered during the RI, performed in January 2010 and December 2020 with additional sampling performed in June 2021, and is subject to the limitations described in **Appendix A**.

1.1 SITE LOCATION AND DESCRIPTION

The Site is located at 205 Park Avenue in the Wallabout Section in Brooklyn, New York, and is identified as Block 2033 and Lot 50 on the New York City Tax Map. The Site is vacant and unused by the current owner. A map of the Site and surrounding properties is provided as **Figure** 3.

Adjoining properties are generally residential with some commercial use. The Site is about 12,808 -square feet and bounded by a vacant lot and residential building to the north, Vanderbilt Avenue followed by residences and a motorcycle/motor scooter repair and dealership to the east, Clermont Avenue followed by residences to the west, and Park Avenue and Brooklyn Queens Expressway followed by residences and vacant property used for parking to the south. Pedestrian sidewalks

surround the Site on the western, eastern, and southern sides. Other properties not adjoining the Site are generally residential and commercial.

1.2 PROPOSED REDEVELOPMENT PLAN

The proposed future use of the Site will consist of one new 9 story mixed-use commercial-residential building which will cover approximately 86% of the Site. 14% of the Site will be used for a courtyard located in the central northern area, and a terrace on the third floor which will be covered with pavers. The proposed building would rise to about 126 feet in height and include a full height cellar level requiring excavation of the entire Site to a depth of approximately 14 ft below grade. The building will contain commercial uses, a community facility, recreation space, and parking. The building will also include 25% mandatory affordable housing units (90 residential dwelling units, including 23 affordable apartments). The total project includes about 61,224 sf of residential space, 9,169 sf of commercial space, and 1,157 sf of community facility. Layout of the proposed site development is presented in **Appendix B.** The current zoning designation is R7D/C2-4. The proposed use is consistent with existing zoning for the property.

1.3 DESCRIPTION OF SURROUNDING PROPERTY

The area surrounding the Site consists of a mix of residential and commercial properties. An evaluation of the United States Geological Survey (USGS) 7-½ Minute Topographic Map containing the property indicated there are four sensitive receptors present within a 0.125-mile radius of the Subject Property. The four sensitive receptors are (1) Greene Hill School, (2) Moy Yee Kung Fu, (3) Benjamin Banneker Academy, and (4) P.S. 046 Edward c. Blum. **Figure 3** shows adjacent property usage.

2.0 SITE HISTORY

The following sections outline the Site History, including previous environmental assessments of the Site and surrounding area. Previous environmental assessment and investigation reports for

the Site, including figures presenting sample locations and tables presenting analytical results, can be found in Appendix B of the RIWP Report.

2.1 Past Uses and Ownership

The Site has been developed since at least 1887 with two- and three-story dwellings and three 3-story stores. The Site has had multiple tenants and uses throughout the years, including a meat market, drug store/pharmacy, stationary shop, bake shop, barber shop, grocery store, private residences, and various other commercial establishments. A dry cleaner (known as Park Dollars Cleaners) operated on site in the 1920s and 1930s. An auto service facility (Known as Harris Auto Service) operated on site in the 1960s. The Site had been owned and operated by Administration of General Services until 2001[1]. In 2001, title and interest in the property was transferred to Kathy Jules-Elysee. Then later in 2002, title and interest in the property was transferred to Yeshivas Bais Limude, Hashem Jewish Center. In 2007, title and interest in the property was transferred to 462 Lexington LLC. The Site has remained vacant since 2001, for about 20 years, and all buildings on Site were demolished in April 2017.

Operations involving dry cleaners and auto service garages typically utilize chemical agents, petroleum and/or hazardous materials, the discharge of which may have adversely impacted the environmental quality of the property. Therefore, the historical use of the Site as a dry cleaner and an auto service facility represented a Recognized Environmental Condition (REC).

The New York City Department of Finance website lists the following deed transfers:

Previous Owner	Contact	Address	Requestor's Relationship to Owner/Operator	Date of Ownership or Operation
462 Lexington LLC*	Bruchy Lefkowitz	44 Lorimer Street Brooklyn, NY 11206 (Prior Listed)	Owner	2/26/2007 to Present
Yeshivas Bais Limude, Hashem Jewish Center*	Not Available	430 Kent Avenue Brooklyn, NY 11211	None	12/18/2002 to 2/26/2007

[1] The ownership start date of Administration of General Services is unknown.

Kathy Jules-Elysee*	Not Available	33-45 92nd Street Jackson Heights, NY 11372	None	11/08/2001 to 12/18/2002
Administration of General Services*	Not Available	10 Causeway Street Boston, MA 02114	None	Unknown to 11/08/2001

*Owner is presumed operator.

2.2 Phase I and Phase II Reports

2.2.1 Phase I Environmental Site Assessment, May 2019

In May 2019, GZA completed a Phase I Environmental Site Assessment (ESA) for the Site in accordance with the scope and limitations of ASTM Practice E1527-13. The Phase I ESA identified the following Recognized Environmental Conditions (RECs):

- The Site is a NYC E-Designated property with environmental requirements related to air, noise, and hazardous materials that must be investigated and addressed before a building permit can be obtained for the property's redevelopment.
- The Site has been historically identified by city directories as a dry cleaner and auto service facility.

The Phase I ESA, which contains Site photos, is in Appendix B of the RIWP Report.

2.2.2 Remedial Investigation Report, February 2020

In January 2020, GZA performed a Remedial Investigation (RI) to evaluate the RECs identified during the Phase I ESA. GZA performed the following scope of work:

1. Advancement of 10 soil borings at locations across the project Site, and collection of 20 soil samples for chemical analysis from the soil borings to evaluate environmental soil quality;

2. Installation of five temporary groundwater monitoring wells at locations on the Site to establish groundwater flow and collection of five groundwater samples for chemical analysis to evaluate groundwater quality; and,

3. Installation of eight soil vapor probes around the Site's perimeter and collection of nine soil vapor samples for chemical analysis (note that samples from one location were not collected due to accidental removal of soil vapor implant by subcontractor, and two samples were collected from two of soil vapor implants).

The following is a summary of the findings of the 2020 RI:

1. Elevation of the property's existing ground surface ranges from approximately 28.8 to 29.9 feet above mean sea level (NAVD 88).

2. Depth to groundwater, at the times measured, ranged from approximately 23.8 to 24.8 feet below ground surface (bgs) at the Site.

3. Based on the USGS geological survey (Water-Table Altitude in Kings and Queens Counties, New York, March 1997), groundwater flow is generally from south to north, although the groundwater gradient is relatively flat beneath the Site.

4. The stratigraphy of the Site, from the surface down, consists of approximately 17 feet of Construction and Demolition (C&D) debris, fine to medium/coarse sand with traces of urban fill followed by native silty sand.

5. Findings of the soil sampling and chemical analysis included (**Figure 4**):

    - Semi-volatile organic compounds (SVOCs) including benzo(a)anthracene (1.9 mg/kg), benzo(a)pyrene (1.9 mg/kg), benzo(b)fluoranthene (2.5 mg/kg), benzo(k)fluoranthene (0.9 mg/kg), chrysene (1.5 mg/kg), and indeno(1,2,3-cd)pyrene (1.3 mg/kg) were detected above their respective UUSCOs at a depth of 15.5 to 16 ft below ground surface (bgs) at soil boring location SB-5. Of these SVOCs, benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, and indeno(1,2,3- cd)pyrene also exceeded their respective RRSCOs.

- Copper (78.1 mg/kg) exceeded its UUSCOs at 15 to 15.5 ft bgs at location SB-3.

- Pesticides including 4,4'-DDE (0.0215 mg/kg), 4,4'-DDD (0.00938 mg/kg), and 4,4'-DDT (0.0464 mg/kg) were detected exceeding their respective UUSCOs at 5.5 to 6 ft bgs at location SB-6.

6. Findings of the groundwater sampling and chemical analysis included (**Figure 5**):

    - Tetrachloroethene (PCE) was detected above its GQS of 5 µg/L in all groundwater samples and ranged from 6 to 20 µg/L.

    - Chloroform was detected in groundwater above its GQS of 7 µg/L in two of five samples at concentrations of 34 and 36 µg/L;

    - SVOCs including benzo(a)anthracene (max. of 0.39 µg/L), benzo(b)fluoranthene (max. of 0.43 µg/L), benzo(k)fluoranthene (max. of 0.15 µg/L), chrysene (max. of 0.35 µg/L), and indeno(1,2,3-cd)pyrene (max. of 0.24 µg/L) were detected above their respective GQS of 0.002 µg/L in all five samples.

    - Pesticide dieldrin was detected above its GQS of 0.004 µg/L in three of the groundwater samples with the highest estimated concentration of 0.022 µg/L.

    - Several total metals were detected above GQS in one or more of the groundwater samples, including aluminum, barium, beryllium, cadmium, chromium, iron, lead, magnesium, manganese, nickel, selenium, and thallium. These compounds were found in groundwater samples from across the Site. Concentrations of aluminum ranged from 2,960 to 29,100 ug/L, concentrations of iron ranged from 1,380 to 36,400 ug/L, concentrations of manganese ranged from 640.3 to 29,450 ug/L, above their respective GQS of 2,000 ug/L, 600 ug/L, and 600 ug/L respectively. Barium, beryllium, cadmium, chromium, lead, magnesium, nickel, selenium, and thallium were detected at concentrations of 3,059 ug/L, 6.89 ug/L, 6.84 ug/L, 254.2 ug/L, 335.9 ug/L, 70,600 ug/L, 316.7 ug/L, 37.5 ug/L, and 0.95 ug/L, above their respective GQS of 2,000 ug/L, 3 ug/L, 10 ug/L, 100 ug/L, 50 ug/L, 35,000 ug/L, 200 ug/L, 20 ug/L, and 0.5 ug/L. Manganese was detected at a concentration of 888 µg/L, exceeding its GQS of 600 µg/L in dissolved groundwater.

- The groundwater sample from (TW-1) contained perfluorooctanoic Acid (PFOA) and perfluorooctanesulfonic Acid (PFOS) at the concentrations of 93.4 nanogram per liter (ng/L) and 32.4 ng/L, above their respective screening levels of 10 ng/L under NYSDEC's Part 375 Remedial Programs. TW-1 exhibited PFOA and PFOS at the combined concentration of 126 ng/L, below its screening level of 500 ng/L under NYSDEC's Part 375 Remedial Programs.

- 1,4-Dioxane was detected in TW -1 at an estimated concentration of 0.097 µg/L.

7. Findings of the soil vapor sampling and chemical analysis included (**Figure 6**):

   - Concentrations of petroleum-related VOCs (BTEX) ranged from 16.97 µg/m^3 to 43.37 µg/m^3. Overall, the highest reported concentration was for acetone (309 µg/m^3).

   - PCE was detected in all of the soil vapor samples and ranged from 25.1 µg/m^3 (SG-2 (5-6')) to 209 µg/m^3 (SG-6 (20-21')).

   - Trichloroethene (TCE) was detected in 7 of 8 samples and ranged in concentration from 1.42 µg/m^3 (SG-8 (5-6')) to 23.8 µg/m^3(SG-3 (20-21')).

   - Carbon tetrachloride (max. of 5.25 µg/m^3), cis-1,2-Dichloroethene (max. of 2.45 µg/m^3), and 1,1,1- trichloroethane (TCA) (max. of 3.13 µg/m^3) were detected in one or more of the soil vapor samples.

   - Chloroform was detected in all seven soil vapor locations at concentrations ranging from 3.22 µg/m^3 (SG-2 (20-21')) to 288 µg/m^3 (SG-8 (20-21')).

2.2.3 Supplemental Remedial Investigation, December 2020

In December 2020, GZA performed a supplemental investigation designed to collect additional soil data to evaluate the historic fill on the Site. Three random shallow soil samples were collected from the 2' to 2.5' bgs intervals from the Site. Results including a summary table, sampling

location figure, and electronic copies of the laboratory reports for this investigation are provided in Appendix B of RIWP.

The soil analytical results were compared to the UUSCOs and RRSCOs. Soil/fill analytical results showed:

- SVOCs including benzo(b)fluoranthene (1.2 mg/kg) and indeno(1,2,3-cd)pyrene (0.67 mg/kg) were detected above their respective RRSCOs at a depth of 2.5 to 3 ft bgs at soil boring location PARK AVE 5.

- Mercury (0.882 mg/kg) exceeded RRSCOs at 2.5 to 3 ft bgs at location PARK AVE 3. Although not in exceedance of RRSCOs, various metals, including nickel, lead, and zinc exceeded the UUSCOs in the three shallow soil samples.

Two of the three supplemental samples contained SVOC or metal concentrations above their respective RRSCOs indicating the upper 4 feet is impacted by C&D and fill material related contaminants in addition to the deeper soils documented in the January 2020 Remedial Investigation.

2.2.4 Remedial Investigation Work Plan, June 2021

In June 2021, GZA prepared a Remedial Investigation Work Plan to collect additional data to assist in the further delineation of known Site contamination and to evaluate the potential impact of areas of concern not previously investigated. The field-sampling scope of work consists of the following tasks:

- Advancing eight soil borings to approximate 30’ bgs to the top of the groundwater table to characterize soils from 0 to 4 ft bgs intervals and soils immediately above the water table;

- Installing four permanent monitoring wells to characterize groundwater quality on-Site, three of which will be converted from three of the above-mentioned soil borings;

- Installing two off-site permanent monitoring wells to characterize potential off site migration of cVOCs; and

- Collecting two additional soil gas samples to complete delineation of impacted soil gas on-Site.

3.0 DESCRIPTION OF REMEDIAL INVESTIGATION ACTIVITIES

The Site was investigated in accordance with the scope of work presented in the NYSDEC-approved revised Remedial Investigation Work Plan (RIWP). The RIWP was submitted to NYSDEC on June 9, 2021 and approved by NYSDEC in a letter dated June 10, 2021. Additionally, GZA had previously performed a preliminary investigation at and around the Site. The findings of that investigation were summarized in the February 2020 RIR and are provided in Section 2.2. Details of the remedial investigation, conducted in June 2021 are presented in the following sections.

3.1 RI Activities

The RI consisted of the following activities, as outlined in the approved revised RIWP:

- Conducted community air monitoring;
- Advanced eight soil borings across the Site to characterize Site soils to the water table;
- Installed six permanent monitoring wells to provide data required to evaluate groundwater quality and estimate groundwater flow direction;
- Advanced 2 soil vapor probes to evaluate the extent of soil gas impacts on Site;

Detailed descriptions of the RI tasks completed by GZA are provided in the following sections

3.2 Chemical Analytical Work Performed

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

Factor	Description

Chemical Analytical Laboratory	Chemical analytical laboratory(s) used in the RI is NYS ELAP certified and is Alpha Analytical Inc
Chemical Analytical Methods	Soil analytical methods: • TAL Metals by EPA Method 6010C (rev. 2007); • TCLVOCs (includes 1,4 Dioxane) by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); and • Perfluorinated alkyl substances (PFAS) by EPA Method SW 846 537 (rev. 2018). Groundwater analytical methods: • Total and dissolved TAL Metals by EPA Method 6010C/6020/7470 (rev. 2007); VOCs by EPA Method 8260C (rev. 2006); • SVOCs by EPA Method 8270D (rev. 2007); • Pesticides by EPA Method 8081B (rev. 2000); • PCBs by EPA Method 8082A (rev. 2000); • 1,4-Dioxane by EPA Method SW 846 8260 (isotope dilution for 1-4 Dioxane); and • PFAs by EPA Method SW 846 537 (rev. 2018). Soil vapor analytical methods: • VOCs by TO-15 VOC parameters.

3.3 Geophysical Survey

On January 6, 2020, Nova Geophysical Services performed a geophysical survey, consisting of Ground Penetrating Radar (GPR) and Electromagnetic (EM) measurements, at proposed subsurface exploration locations to pre-clear subsurface obstructions and/or utilities. No obstructions or subsurface anomalies were detected during the geophysical survey at the locations scanned.

3.4 Soil Sampling

On January 6, 2020 through January 8, 2020, a total of ten (10) on-Site soil borings (SB-1 through SB-10) were installed by EPhase 2 using a Geoprobe 6712 D in the approximate locations shown in **Figure 4** during the premilitary remedial investigation. Five of the soil borings were installed to 20 feet below ground surface (bgs), four of the soil borings were completed to 35 feet bgs and one boring to 30 feet bgs in order to install temporary well points. Note that soil borings were only continuously sampled/logged to 20 feet bgs. For each of the ten borings, soil samples were collected continuously below existing grade using a five-foot steel macro-core sampler with acetate liners and Geoprobe® direct-push technology. Soil recovered from each of the soil borings was field screened for the presence of volatile organic compounds (VOCs), with a photo-ionization detector (PID), and visually inspected for evidence of contamination. No PID readings above background concentrations were detected. No odor or staining were observed. A total of twenty (20) soil samples were collected for laboratory analysis. Each soil boring produced one shallow and one deep sample. The ten (10) shallow soil samples were taken from two to 8 feet below the ground surface; and the ten (10) deeper soil samples were collected at depths, between 15 and 20 feet below the ground surface. The soil was screened and characterized at 6-inch intervals. Soil samples were containerized and analyzed at a New York State Department of Health ELAP-certified laboratory, Alpha Analytical Inc. All soil samples were analyzed for VOCs via EPA Method SW 846 8260, semi-volatile compounds (SVOCs) via EPA Method SW 846 8270, pesticides/PCBs via EPA Methods SW 846 8081/8082, and Target Analyte List metals (TAL) via EPA Method 6010 and 7471.

To further delineate the soil at the site, on June 14, 2021 through June 15, 2021, GZA oversaw the installation of 8 soil borings by EPhase 2 to evaluate soil conditions on Site. Specifically, eight boring (SRI-1 through SRI-8) locations were selected based on the locations of suspected source areas and were advanced to the water table. **Figure 4** present the locations of the soil borings advanced on Site during the RI. Soil borings were advanced using a Geoprobe 6712 D to the water table at each boring location. Soil was continuously sampled in five-foot long cores. Soils were removed from the borehole via macro-core polyethylene sleeve liners and field screened for visual and olfactory evidence of impacts and with a PID for evidence of VOC contamination. Soil samples for VOC analysis were collected first by removing approximately five grams of soil from a discrete 0-4 ft interval using dedicated, laboratory supplied Encore samplers. GZA then extracted samples for other analytes by scooping representative soil with clean, disposable spoons into laboratory-prepared sample containers in a manner limiting head space by compacting the soil into the container. To characterize soils on Site, one soil sample per boring was collected at the apparently impacted interval from 0 to 4 feet based on visual/olfactory evidence and/or PID readings for Part 375 TCL/TAL compounds. A second soil sample was collected from just above the water table. Remaining soils were placed back in the borehole.

Completed sample labels were affixed to the side of the laboratory provided sample bottles. Once the sample bottles were filled, they were immediately placed in the cooler with ice (in Ziploc plastic bags to prevent leaking) to maintain the samples at below 4^{o}C and transported, via courier to Alpha, under proper chain of custody procedures for analysis.

Descriptive information concerning soil from each sampling location was recorded in a field notebook and classified using visual observations and a modified Burmister classification system. The boring log, including the sample designation, sample collection date and depth, total depth of the boring, depth and apparent thickness of any identified layers of contaminated soil, PID measurements and recovery percentages are provided in **Appendix C.** Three of the soil logs showed the evidence of fill slough in the deepest intervals. It is unlikely that the placement of fill or C&D exist immediately above the water table. Therefore, the observation is more likely related to borehole slough from shallower depths into the boring during continuous advancement of the macro-core soil sampler during soil boring installation.

3.5 Groundwater Investigation

3.5.1 Groundwater Monitoring Well Installation and Sampling

Temporary Well Installation

On January 6, 2020 through January 8, 2020, the five deep borings were converted into temporary monitoring well points (Sb-1/TW-1, SB-4/TW-2, SB-5C/TW-3, SB-8/TW-4, SB/9/TW-5) constructed of one-inch inner diameter slotted PVC screen placed in the borehole and completed at 35 bgs (with the exception of TW-5, which was completed at 30 ft bgs). The screened interval of the well consists of a 10 foot, 0.020-inch slot screen and is situated between approximately 8 to 9-feet below to 1 to 2-feet above the groundwater level. The slotted screen for TW-5 is situated between approximately 5 feet below and 5 ft above the groundwater level. The monitoring well construction details are included in **Appendix C.** Temporary and permanent well locations are shown in **Figure 5.** The temporary wells were developed using a peristaltic pump. A grab groundwater sample was then collected from each temporary well utilizing a dedicated micro-bailer and peristaltic pump. The micro-bailer was used to collect a sample for VOC analysis, followed by a peristaltic pump used to collect groundwater for analysis of the remaining parameters. Each groundwater sample was transferred directly from the sampling equipment to laboratory provided sample bottles. Sampling equipment and procedures for per- and polyfluoroalkyl substances (PFAS) sample collection generally followed NYSDEC PFAS Field Sampling Guidelines (NYSDEC's Part 375 Remedial Programs). Groundwater samples were stored at or below 4°C and transported under proper chain of custody procedures to Alpha Analytical for VOCs via EPA Method SW 846 8260, SVOCs via EPA Method SW 846 8270, Pesticides/PCBs via EPA Methods SW 846 8081/8082, total and dissolved TAL Metals via EPA Methods SW 846 6010/6020/7470, with one sample testing for 1,4-Dioxane via EPA Method SW 846 8260 (isotope dilution for 1-4 Dioxane), and PFAs via EPA Method SW 846 537.

Permanent Well Installation

On June 14, June 15, June 18, and June 22, 2021, GZA oversaw the installation of a total of six permanent monitoring wells (MW-1 through MW-6) on Site by Ephase 2. Permanent well

locations were selected based on temporary well groundwater results, as well as, to provide spatial distribution required for groundwater flow direction triangulation/determination. Monitoring well locations are shown in **Figure 5.** The permanent monitoring wells were installed using a Geoprobe 6712 D. Each well was constructed with Schedule 40, 2-inch dimeter PVC riser pipe and 2-inch diameter 0.010-inch machine slotted PVC screens placed in the borehole and completed at 35 bgs (with the exception of MW-5, which was constructed of one-inch inner diameter slotted PVC screens and competed at 40 bgs). The screened interval of the wells consisted of a 10 foot, 0.010-inch slot screen and is situated between approximately 8 to 9-feet below to 1 to 2-feet above the groundwater level. The annular space of the wells was filled with #1 sand extending two feet above the top of the screen, to the extent feasible. A layer of bentonite was placed above the sand pack, grout was placed from the bentonite layer to approximately two feet bgs, where the well annulus backfill was finished with cement extending to the ground surface. Each well was completed with a flush well casing. The permanent well construction logs are provided in **Appendix C**. After installation, each permanent well was developed using a submersible pump equipped with dedicated high-density polyethylene (HDPE) tubing to remove fine materials generated during well installation activities. The groundwater was pumped until it was nearly free of turbidity (i.e. $\leq$20 NTU) or 3-5 well volumes had been removed, then surged two to three times to remove residual fines caught in the screened interval. The development water and soil cuttings were containerized in 55-gallon drums and characterized for off-site disposal.

On June 18 and June 22, 2021, GZA sampled the six permanent wells installed on Site. GZA utilized low flow sampling procedures for groundwater sampling of the permanent groundwater monitoring wells. Prior to sampling each monitoring well, the headspace was measured using a PID, the water level was measured using an electronic water level meter and the well was purged utilizing a low-flow submersible stainless steel pump/peristaltic pump with dedicated HDPE tubing connected to a transparent flow cell. Groundwater from each well was purged using low pumping rates to limit drawdown of the water level. Wells were purged until turbidity, pH, temperature, dissolved oxygen and specific conductivity stabilized. Field measurements, taken from the flow cell, were recorded in the field logbook during and after purging, and before sampling. Purging was performed with the pump intake placed at approximately 3-6 feet above the bottom of the well screen to ensure that stagnant water in the well was removed, while not

stirring up sediment that may have accumulated on the bottom of the well. Purge volumes were monitored and recorded on Groundwater Sampling Forms which are included in **Appendix D**.

Completed sample labels were affixed to the sides of the laboratory provided sample bottles. Once the sample bottles were filled, they were immediately placed in a cooler with ice (in Ziploc plastic bags to prevent leaking) to maintain the samples at below 4°C. Groundwater samples were transported, via courier, to Alpha under proper chain of custody procedures. Groundwater samples were analyzed for the full NYSDEC Part 375 listed TCL/TAL compounds and emerging contaminants including 1,4-dioxane and PFAS. Sampling, analysis, and assessment of PFAS followed NYSDEC's Part 375 Remedial Programs Issued in January 2021.

Purge water was containerized in 55-gallon drums and stored on-Site prior to disposal off-Site. Other investigative derived waste was containerized, temporarily stored in a centralized location for off-site disposal.

3.5.2 Well Survey

On January 15, 2020, DPK surveyed the locations and elevations of each of five temporary monitoring wells. On July 2, 2021, DPK surveyed the locations and elevations of each of six permanent monitoring wells that were installed during the remedial investigation. DPK provided the Northings and Eastings relative to New York (East) State Plane Coordinate System NAD 83. Elevations are based upon NAVD 88 (GEOID 12A), derived Using LEICA GZ1230+ GPS Receivers and KEYNET. The survey information is provided in **Appendix E.**

3.6 Soil Gas Sampling

On January 6, 2020 through January 8, 2020, eight (8) soil vapor implants (SG-1 through SG-8) were installed using Geoprobe™ equipment to a depth of 21 feet below grade with two locations having shallow sampling points from 5-6 feet bgs. The approximate location of each of the soil vapor implants is shown on **Figure 6**. Please note the one sample (SG-4) was not collected due to accidental removal of soil vapor implant by subcontractor. Each implant was attached to ¼ inch polyethylene tubing which extended approximately 18 inches beyond that needed to reach the

surface. The tubing was capped with a ¼ inch plastic end to prevent the infiltration of foreign particles into the tube.

On June 15 and June 18, 2021, two additional soil gas samples were collected on Site. To support the qualitative human health exposure assessment, one of the proposed soil gas sampling locations was located along the northern boundary of the site (designated as SV-1); The other soil sampling location was located offsite on the sidewalk of Clermont Avenue (designated as SV-2). **Figure 6** presents the locations of the soil gas sampling points. The soil gas samples were collected using a Geoprobe (6712 D) to install a hollow rod fitted with a screened, stainless-steel, expendable drive point. The rod was installed to a depth of 21 feet bgs. After the hollow rod was advanced, dedicated HDPE tubing with a threaded fitting was connected to the sampling probe, the hollow rod was removed, native soil was allowed to collapse around the stainless-steel screen and a hydrated bentonite seal was installed.

Sampling was completed in general accordance with the October 2006 *NYSDOH Soil Vapor Intrusion Guidance Document*. The adequacy of the bentonite seal was tested using an 8-inch diameter PVC shroud placed over the borehole and sealed from the ambient air using bentonite. Helium tracer gas was pumped into the shroud. The above grade end of the tubing was attached to a low-flow Gilian air pump for purging. A helium gas detector was utilized to measure helium concentrations in the above grade end of the tubing. The adequacy of the seal was verified by direct helium readings (e.g. less than 10%-15% of total helium in shroud).

Following completion of the purging and the helium tracer test, dedicated polyethylene/HDPE tubing was used to connect the probe to a laboratory-supplied 2.7-liter/6.0-liter Summa canister equipped with a flow regulator calibrated for less than 0.2 liters per minute. Upon completion, the tubing was removed, and the soil vapor point was backfilled to near grade surface with the drill cuttings and/or bentonite. Field logs generated during sample collection are provided as **Appendix F.** Summa canisters were transported via courier to Alpha. Soil gas samples were analyzed for EPA Method TO-15.

3.7 Community Air Monitoring

During intrusive subsurface activities, community air monitoring was conducted using PID and particulate ("dust") meters. The meters were used to collect continuous readings, log data on one-minute intervals, and calculate 15-minute time weighted averages (TWAs). CAMP stations were installed up and down wind of the intrusive work areas on Site. No exceedances of the RIWP action levels were observed. CAMP air monitoring data are presented in **Appendix G**.

3.8 Deviations from the Work Plan

Deviations from the approved work plan are listed below:

- MW-4 was installed at the northeastern corner within the property boundary line due to multiple refusals encountered on the original proposed sidewalk location. This deviation has been approved by NYSDEC on June 18, 2021 via email communication.

3.9 Materials Management

Investigation derived waste (IDW) generated during the RI was managed in accordance with applicable laws and regulations. Hazardous waste, concentrated solid or semi-solid substances, soil with free product, and/or grossly contaminated media were not generated during the investigation. IDW was collected in properly labeled USDOT approved storage containers (55-gallon drums) and grouped by environmental matrix (soil, water, PPE/plastic, construction debris). Drums were staged on-Site prior to off-Site disposal.

3.10 Quality Assurance & Quality Control Sampling

GZA collected Quality Assurance/Quality Control (QA/QC) samples in accordance with the Site-specific Quality Assurance Project Plan (QAPP). QA/QC samples included equipment rinsate/field blanks, trip blanks, sample duplicates and matrix spike/matrix spike duplicates (MS/MSDs). These results are provided in **Appendix N.**

4.0 ENVIRONMENTAL EVALUATION

4.1 GEOLOGICAL AND HYDROGEOLOGICAL CONDITIONS

Based on information of the U.S. Geological Survey topographic map for Brooklyn, NY (2013) obtained from EDR, the Site is situated at an approximate elevation of 28 to 30 feet above mean sea level. The topographic gradient near the Site slopes generally down to the north. The nearest water body is the East River Navy Basin, which is located approximately 1,560 feet north-northeast of the Site.

Long Island's present configuration is primarily the result of glaciation during the Pleistocene Era, predominately that of the last ice age, and from the Wisconsin, which ended about ten thousand years ago. Two advances of the Wisconsin ice sheet during the Upper Pleistocene of the Quaternary Period caused the island to be blanketed with till, ice contact stratified drift, outwash deposits and deposits composed of clay, silt, sand, gravel and boulders. The terminal moraines and the north shore are composed primarily of stratified drift with some till. The area between the moraines and south of them are mostly the outwash deposits. Central and South Long Island are of the glaciofluvial origin. The Pleistocene deposits lie atop the gently-dipping Cretaceous rocks.

The bedrock was eroded to a peneplain before the overlying Cretaceous sediments were deposited; its surface shows signs of later erosion by Pleistocene glaciation in the north. Bedrock crops out in northwestern Queens County near the East River and slopes southward at about eighty (80) feet per mile. Consequently, the overlying formations form a southward-dipping wedge that attains a maximum thickness of one-thousand fifty (1,050) feet in the southeast corner of Queens County. The maximum thickness of unconsolidated deposits in Kings County is about eight-hundred (800) feet in southeast Kings County.

Overlying bedrock is the Raritan Formation of Late Cretaceous age, consisting of the Lloyd Sand Member and an upper, unnamed clay member. Overlying the Raritan Formation is the Magothy Formation and Matawan Group, undifferentiated, also of Late Cretaceous age, the Jameco Gravel of Pleistocene age, the Gardiners Clay of Pleistocene age, upper Pleistocene deposits of Wisconsin age, and a generally thin soil mantle of Holocene age. Holocene beach deposits make up most of the Rockaway Peninsula and Coney Island in the south, and Holocene salt-marsh deposits underlie and fringe the south-shore bay areas. Artificial filling has been done in low and swampy shoreline

areas. Because Holocene deposits occur in relative small areas of Kings and Queens and are not significant water bearers, they are not included in the geologic descriptions that follow. The four distinct formations on Long Island are the Upper Glacial, the Jameco, the Magothy and the Lloyd aquifers. They all occur in the unconsolidated materials overlying the bedrock.

According to geologic maps of the area created by the United States Geologic Survey (USGS), the bedrock in this area of Brooklyn is an igneous intrusive classified as the Ravenswood grano-diorite of middle Ordovician to middle Cambrian age. Unconsolidated sediments overlie the bedrock and consist of Pleistocene aged sand, gravel and silty clays, deposited by glacial-fluvial activity. Non-native fill materials consisting of dredge spoils, rubble and / or other materials have historically been used to reinforce and extend shoreline areas and to raise and improve the drainage of low lying areas.

4.1.1 Soil and Rock Conditions

Soils observed in boring logs advanced on Site indicate that subsurface soil at the Site consisted of C&D, which was primarily comprised of brick, concrete, asphalt and other debris in a brown silty-sand matrix. The layer of historic fill extended to a depth ranging from ground surface to as great as 17 feet below grade. Native soil consisting of brown silty sands is present below the historic fill slough.

4.1.2 Groundwater Conditions

Based on information obtained from monitoring wells installed on-Site, described in more detail in Section 3.0, depth to groundwater ranges from approximately 24.0 to 25.3 feet below ground surface. Based on USGS geological survey (Water-Table Altitude in Kings and Queens Counties, New York, March 1997) groundwater flow is generally from south to north although the groundwater gradient on Site is relatively flat.

Figure 7 presents a groundwater contour map prepared by GZA generated from groundwater elevations measured on July 2, 2021. The following table summarizes the groundwater elevations. Groundwater on Site flows from south - southwest to the north -northeast.

Well ID	Well Diameter (inches)	Total Depth, BTOC (feet)[1]	Well Screen Interval (feet)	Ground Elevation	TOC Elevation[2] (feet)	Depth to Water[3] (feet)	Groundwater Elevation[3] (feet)
MW-1	2	35	25 to 35	29.69 (Pave)	29.29	24.79	4.5
MW-2	2	35	25 to 35	29.35	28.90	24.37	4.53
MW-3	2	35	25 to 35	29.33	29.01	24.53	4.48
MW-4	2	35	25 to 35	30.04	29.83	25.29	4.54
MW-5	1	40	30 to 40	34.10 (Conc.)	33.80	29.29	4.51
MW-6	2	35	25 to 35	28.78	28.41	23.98	4.43

Notes

1 - Below Top of Casing (BTOC), Top of Casing (TOC)
Elevations Are Based Upon NAVD 88 (GEOID 12A) Derived Using LEICA GZ1230 GPS Receivers and KEYNET

2 - Groundwater measurements collected on July 2, 2021 by GZA

4.2 CONTAMINATION CONDITIONS

The following sections detail the contamination conditions that exist at the Site in soil, sediment, groundwater, and air based on remedial investigation findings.

4.2.1 Description of Areas of Concern

The Site has been developed since at least 1887 with two- and three-story dwellings and three 3-story commercial buildings. The Site has had multiple tenants and uses throughout the years, including a meat market, drug store/pharmacy, dry cleaners, auto service facility, private residences, and various other commercial establishments. Operations involving dry cleaners and auto service garages typically utilize chemical agents, petroleum and/or hazardous materials, the discharge of which may have adversely impacted the environmental quality of the property.

Therefore, the historical use of the Site as a dry cleaner and an auto service facility represented a Recognized Environmental Condition (REC).

In addition to the potential discharge, historic fill material and C&D has been identified across the Site. The historic fill material and C&D contains Polycyclic Aromatic Hydrocarbons (PAHs), metals, and pesticides.

4.2.2 Identification of Standards, Criteria and Guidance

The following Standards, Criteria, and Guidance documents were used to assess contamination conditions:

- CP-51 – Soil Cleanup Guidance;
- 6 NYCRR Part 375 - Environmental Remediation Programs;
- TOGS 1.1.1 - Ambient Water Quality Standards & Guidance Values and Groundwater Effluent Limitations; and

4.3 Soil Analytical Results

Table 1 present summaries of soil analytical results compared to Unrestricted Use SCOs (UUSCOs) and Restricted Residential Use SCOs (RRSCOs). **Figure 4** present soil sample locations and chemboxes which summarize exceedances of UUSCOs and RRSCOs. Laboratory data packages are provided in **Appendix H**.

Soil Boring Results

Of the 21 locations where soil borings were advanced (SB-1 through SB-10, Park Ave 3, Park Ave 5, Park Ave 8, and SRI-1 through SRI-8), One soil sample (SRI-4 (1-1.5)) contained xylene and other VOC detections. The concentration of xylene is above its Track 1 UUSCOs and other VOC detections are below the UUSCOs. No other soil borings advanced during this RI contained VOCs at concentrations above UUSCOs. This observation may be associated with a release of petroleum at that location.

SVOCs including benz(a)anthracene (ranged from 1.1 to 12 mg/kg), benzo(a)pyrene (ranged from 1.6 to 11 mg/kg), benzo(b)fluoranthene (ranged from 1 to 13 mg/kg), benzo(k)fluoranthene (ranged from 0.85 to 3.9 mg/kg), chrysene (ranged from 1 to 10 mg/kg), Dibenzo(a,h)anthracene (1.4 mg/kg), and indeno(1,2,3-cd)pyrene (0.51-6.1 mg/kg) were detected above their respective Track 1 UUSCOs and/or Track 2 RRSCOs at soil boring locations SRI-5 (1.5-2), SRI-6 (2-2.5), and SRI-8 (3.5-4), Park Ave 5 (2.5-3), SB-5 (15.5-16), and SRI-5 (27-27.5). Since native material was encountered at depths of 17 feet and greater, it is unlikely that the SVOC exceedances in SRI-5 immediately above the water table are due to placement of fill or C&D. The observation is more likely related to borehole slough from shallower depths into the boring during continuous advancement of the macro-core soil sampler during soil boring installation.

Pesticides were detected above UUSCOs at four shallow soil borings (SB-6 (5.5-6), SRI-5 (1-1.5), SRI-5 (1-1.5), SRI-7(1-1.5)). Specifically, 4,4'-DDE (0.0215 mg/kg), 4,4'-DDD (0.00938 mg/kg), and 4,4'-DDT (0.0464 mg/kg) were detected exceeding their respective Track 1 UUSCOs at 5.5 to 6 ft bgs at location SB-6. Dieldrin (0.00655 mg/kg), 4,4'-DDD (0.0183 mg/kg), and 4,4'-DDT (0.0203mg/kg) were detected exceeding their respective Track 1 UUSCOs at 1 to 1.5 ft bgs at location SRI-4. 4,4'-DDE (0.00373 mg/kg), 4,4'-DDD (0.00643 mg/kg), and 4,4'-DDT (0.0185mg/kg) were detected exceeding their respective Track 1 UUSCOs at 1.5 to 2 ft bgs at location SRI-5. 4,4'-DDE (0.00399 mg/kg) and 4,4'-DDT (0.0158mg/kg) were detected exceeding their respective Track 1 UUSCOs at 1.5 to 2 ft bgs at location SRI-7. Pesticides were only found in the shallow soils and were not detected in any deep soils collected from RI soil borings. This is likely related to pesticide application or atmospheric deposition of these pervasive contaminants.

Various metals, including copper, mercury, nickel, lead, and zinc exceeded the UUSCOs in the shallow soil samples. Specifically, metals including lead (ranged from 103 to 338mg/kg), mercury (ranged 0.183 to 0.406 mg/kg), and zinc (ranged from 118 to 212 mg/kg) were detected at concentrations exceeding their respective Track 1 UUSCOs at shallow soil boring locations at PARK AVE 5 (2.5-3), PARK AVE 8 (2.5-3), SRI-2 (0-0.5), SRI-4 (1-1.5), SRI-6 (2.-2.5), and SRI-8 (3.5-4). Nickle was detected at a concentration of 42.6 mg/kg above its Track 1 UUSCOs at SRI-7 (1-1.5 ft bgs). Copper was detected at the concentration of 78.1 mg/kg, above UUSCOs at 15 to 15.5 ft bgs at location SB-3. Zinc was detected at a concentration of 188 mg/kg above its

Track 1 UUSCOs at SRI-5 (1-1.5 ft bgs). Mercury (0.882 mg/kg) exceeded RRSCOs at 2.5 to 3 ft bgs at location PARK AVE 3.

Nickel and mercury were also detected at concentrations above Track 1 UUSCOs in deep soil borings. Specifically, Nickel was detected at a concertation of 31.5 mg/kg at 29.5 to 30 ft bgs at location SRI-8, above the Track 1 UUSCOs. Mercury was detected at a concertation of 0.486 mg/kg at 26.5 to 27 ft bgs at location SRI-6, above its Track 1 UUSCOs. Since native material was encountered at depths of 17 feet and greater it is unlikely that the metal exceedances immediately above the water table are due to placement of fill or C&D. The observation is more likely related to borehole slough from shallower depths into the boring during continuous advancement of the macro-core soil sampler during soil boring installation.

PCBs were not detected at concentrations above UUSCOs in any of the soil samples.

1,4 dioxane were not detected at concentrations above UUSCOs in any of the soil samples.

The soil sample from (SRI-2 (0-0.5), SRI-4 (1-1.5), and SRI-5 (1.5-2)) contained perfluorooctanesulfonic Acid (PFOS) at concentrations ranged from 0.00293 to 0.00344 mg/kg, above its respective screening levels of 0.00088 mg/kg under NYSDEC's Part 375 Remedial Programs. This is likely related to atmospheric deposition of these pervasive contaminants.

4.4 Groundwater Analytical Results

Table 2 present summaries of groundwater analytical results compared to AWQS. **Figure 5** presents temporary well and permanent well locations, and chem boxes which summarize exceedances of AWQSs. Laboratory data packages are provided in **Appendix H**.

Of the 11 groundwater samples collected (five from temporary wells and six from permanent wells) from the site, PCE was detected above AWQS in all groundwater samples and ranged from 5.3 µg/L (MW-4) to 22 µg/L (MW-1). Chloroform was detected in groundwater above its AWQ of 7 µg/L in three of 11 samples at concentrations ranged from 8.2 to 36 µg/L.

SVOCs including benzo(a)anthracene (0.05 µg/L), benzo(a)pyrene (0.307 µg/) benzo(b)fluoranthene (0.09 µg/L), benzo(k)fluoranthene (0.04 µg/L), chrysene (0.04 µg/L), and indeno(1,2,3-cd)pyrene (0.09 µg/L) were detected at estimated concentrations above NYSDEC AWQS in the off-site permanent well, MW-5. Benzo(b)fluoranthene (0.01 µg/L) was detected at an estimated concentration above NYSDEC AWQS in onsite MW-3. Although these SVOCs were also detected above NYSDEC AWQS in all the five temporary well samples (TW-1 through TW-5), this may be attributed to colloids and turbidity in the temporary well point and MW-5. One pesticide dieldrin was detected at concentrations above AWQS in seven of the groundwater samples (three from temporary wells and four from permanent wells) with the highest estimated concentration of 0.022 µg/L. The presence of PAH compounds and pesticides in groundwater on Site is most likely due to the presence of C&D material on Site and entrained sediment colloids in the groundwater samples as these contaminants have very low solubilities. The turbidity reading in MW-5 was 33 ntu at the time of sampling. Since turbidity and colloids were not controlled/measured, its impact may exist during the sampling of groundwater in temporary wells.

Only one total metal, iron, was detected at a concentration of 0.016 µg/L above AWQS in one of the permanent well, MW-6. Other metals were detected at concentrations above AWQS in one or more of the groundwater samples collected from temporary wells including, aluminum (max. of 29,100 µg/L), iron (max. of 36,400 µg/L), manganese (max. of 29,450 µg/L), barium (3,059 µg/L), beryllium (6.89 µg/L), chromium (254.2 µg/L), lead (335.9 µg/L), magnesium (70,600 µg/L), nickel (316.7 µg/L), selenium (37.5µg/L), and thallium (0.95 µg/L). Dissolved manganese was also detected in TW-1 at a concentration of 888 µg/L exceeding the AWQ of 600 µg/L.

Groundwater samples showed no PCBs detected at concentrations above AWQS.

1,4-Dioxane was detected at concentrations from non-detectable to 0.288 µg/L.

PFOA and PFOS were detected in six groundwater samples collected from permanent wells and one groundwater sample collected from temporary well points and analyzed for these compounds. Specifically, groundwater samples contained Perfluorooctanoic Acid (PFOA) at concentrations that ranged from 39.4 nanogram per liter (ng/L) to 137 ng/L, above its screening level of 10 ng/L under NYSDEC's Part 375 Remedial Programs. Groundwater samples contained

Perfluorooctanesulfonic Acid (PFOS) at concentrations that ranged from 11 ng/L to 32.4 ng/L, above its screening level of 10 ng/L under NYSDEC's Part 375 Remedial Programs. Groundwater samples exhibited PFOA and PFOS at the combined concentration that ranged from 50.4 ng/ to 153 ng/L, below its screening level of 500 ng/ under NYSDEC's Part 375 Remedial Programs.

4.5 Soil Gas Analytical Results

Table 3 presents a summary of the RI soil gas data. **Figure 6** presents the soil gas sampling points and chem boxes that summarize soil gas data**.** Laboratory data packages are provided in **Appendix H**.

Of the eleven soil gas samples collected from the site (nine samples were collected from January 2020 and two samples were collected from June 2021), tetrachloroethene (PCE) was detected in all of the soil vapor samples at concentrations that ranged from 25.1 µg/m^3 to 209 µg/m^3. Trichloroethene (TCE) was detected in 10 of 11 samples and ranged in concentration from 1.42 µg/m^3 to 23.8 µg/m^3. Carbon tetrachloride (max. of 5.25 µg/m^3), cis-1,2-Dichloroethene (max. of 2.45 µg/m^3), and 1,1,1- trichloroethane (TCA) (max. of 3.13 µg/m^3) were detected in one or more of the soil vapor samples. Concentrations of petroleum-related VOCs (BTEX) ranged from 16.97 µg/m^3 to 43.37 µg/m^3. Chloroform was detected in all nine soil vapor locations at concentrations ranging from non-detectable to 288 µg/m^3.

4.6 Data usability

The Data Usability Summary Report (DUSR) for the samples collected during the RI is provided in **Appendix I**. The primary objective of a DUSR is to determine whether or not data meets the site-specific criteria for data quality and data use. The DUSR provides an evaluation of analytical data without third party data validation. A summary of the findings in the Data Usability Summary Reports (DUSRs) as well as the complete DUSRs will also be provided in the FER. The data generated during the RI is deemed usable. Field blank contamination is not considered a concern as this condition results in sample results biased high.

5.0 ENVIRONMENTAL AND PUBLIC HEALTH ASSESSMENTS

A Qualitative Human Health Exposure Assessment (QHHEA) for the Site has been prepared in accordance with the requirements of DER-10/Technical Guidance for Site Investigation and Remediation, Appendix 3B, May 2010, and is presented in the following subsections. The QHHEA characterizes the exposure setting, identifies potentially complete exposure pathways, and qualitatively evaluates potential fate and transport of constituents from one medium to another (i.e., soil-to-air or soil-to-groundwater).

5.1 Site Setting

The Site is located at 205 Park Avenue in the Wallabout Section in Brooklyn, New York. The Site encompasses an area of about 12,808-square feet and is bounded by a parking lot and residential buildings to the north, Park Avenue and Brooklyn Queens Expressway to the south, Vanderbilt Avenue, Vespa Brooklyn/Aprilia/Moto Guzzi Brooklyn and private residences to the east, and Clermont Avenue and residential buildings to the west.

The proposed future use of the Site will consist of one new 9-story mixed-use commercial-residential building which will cover approximately 86% of the Site. 14% of the Site will be used for a courtyard located in the central northern area, and a terrace on the third floor which will be covered with pavers.

Groundwater beneath the Site is not used as potable drinking water. The entire area is serviced by the New York City DrinkingWater System. Since there are no public or private potable supply wells in the area, exposure from contact with tap groundwater is not a concern. General Site use, a description of previous investigations, and the results of subsurface investigations can be found in **Sections 2.0** through **4.0.**

5.2 Exposure Assessment

An exposure pathway is the way that humans or the environment come into contact with chemicals of potential concern (COPC). An exposure pathway is considered complete when the following five conditions are met:

1. Source (i.e., metals, PAHs and pesticides etc.);

2. Release and transport mechanism from source to environmental media (i.e., into the subsurface or volatilization to the air of an overlying building);

3. Point of human exposure (i.e. surface soil);

4. A route of exposure (ingestion, dermal contact, or inhalation); and

5. A receptor population (i.e., on-site workers or residents).

An exposure assessment will identify these pathways and includes a review of the potential sources of COPC and their release mechanisms, and identification of potential human receptors.

5.3 Exposure Conceptual Site Model

A conceptual site model has been developed based on the findings of the Site subsurface investigations described above and from the anticipated future use of the Site.

5.3.1 Potential Sources of Constituent of Potential Concern

Potential constituents of concern identified in Site soils above Unrestricted Use SCOs include:

- Metals: copper, lead, nickel, zinc, and mercury;
- VOCs: xylenes;
- SVOCs: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene; and
- Pesticides: 4,4-DDE, 4,4-DDT, 4,4-DDD, and dieldrin.

Potential contaminants of concern identified in Site soils above the Restricted Residential Use SCOs, applicable to the proposed Track 2 Cleanup include:

- Metals: mercury;
- SVOCs: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene; and
- PFAS: PFOS.

Potential constituent of concern identified in groundwater above AWQS include:

- Metals (filtered): manganese;
- VOCs: Chloroform, and PCE;
- SVOCs: benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene;
- Pesticides: Dieldrin; and
- PFAS: PFOA and PFOS.

Potential contaminants of concern identified in soil gas above the New York State Department of Health (NYSDOH) Air Guidance Value and the NYSDOH Soil Vapor Intrusion Matrices include

- VOCs: TCE, and PCE.

5.3.2 Potential Release Mechanisms

Analysis of soil shows the Site-specific Constituents of Potential Concern (COPCs) for soils are metals, VOCs, SVOCs, and pesticides. Analysis of groundwater indicates presence of metals, chlorinated VOCs, SVOCs, and pesticides and the potential presence of PFAS in groundwater on Site. Analysis of soil gas indicates the presence of TCE and PCE in soil gas above groundwater on Site.

The possible explanations as to the occurrence of contaminants in soil, groundwater, and soil vapor at the Site are as follows:

1. Metals, SVOCs and pesticides observed in soil are associated with the C&D and fill material used for backfill at the site.

2. Potential discharge may exist on site due to the historical use of the Site as a dry cleaner and the cVOCs observation in groundwater.

3. There appears to be PCE/TCE transfer from groundwater to the soil vapor.

Although PFOA and PFOS were detected at the concentrations above their respective screening level of 10 ng/L under NYSDEC's Part 375 Remedial Programs. Groundwater samples exhibited

PFOA and PFOS at the combined concentration below its screening level of 500 ng/ under NYSDEC's Part 375 Remedial Programs.

5.3.3 Potential Human Receptors and Exposure Pathways

Potential On-Site Exposures: Inhalation, ingestion and dermal contact are the possible routes of exposure to potential receptors with respect to impacted soils on Site. Under current and reasonably foreseeable uses, the potentially exposed populations include construction workers and utility workers, engaged in the excavation of impacted and non-impacted soil at the site. A site specific Health and Safety Plan has been developed to identify and minimize the potential hazards to on-site workers. Site trespassers could also be exposed to impacted soil during excavation, however, security measures including an 8 ft high construction fence and 24 hr security will minimize potential exposure to site trespassers.

Potential Off-Site Exposures: Off-Site residents could also be exposed to dust or vapors during the excavation of impacted soil. A site specific Community Air Monitoring Plan has been developed to identify and minimize the potential for off-site exposure to residents through continuous air monitoring during excavation activity.

In addition, it is noted that the potential exists for soil vapor intrusion to occur within the off-site, adjacent residential buildings that border the northern site boundary. Given the proximity to the site and the levels of chlorinated VOCs in groundwater and soil vapor, an evaluation of soil vapor intrusion is warranted.

5.4 Potential Ecological Impacts

Based upon the investigations conducted at the Site, it does not appear that a Fish and Wildlife Impact Analysis (FWIA) is necessary. The Site is in an area consisting of commercial and residential areas with minimal ecological habitat. The majority of soils on Site will be covered thereby reducing the potential for ecological impact. Therefore, the potential for Site related COPCs to migrate to the fish and wildlife resources, if present, is considered minimal.

5.5 QHHEA Conclusions

A summary of the QHHEA is provided in the table below. The QHHEA identified soil as the primary impacted media and the primary potential sources of COPCs. Construction or utility workers conducting intrusive subsurface activates could be exposed to COPCs in Site soils and groundwater. The Site Management Plan will outline soil and groundwater handling practices to minimize exposure.

Environmental Media & Exposure Route	Human Exposure Assessment
Direct Contact with Surface Soils (and incidental ingestion)	• A site-specific Health and Safety Plan has been developed to identify and minimize the potential hazards to on-site workers. • People will not contact the impacted soil unless they complete ground intrusive work at the Site. This exposure is, therefore, limited to construction and utility workers as will be outlined in the Site Management Plan.
Ingestion of Groundwater	• Groundwater is not being used for drinking water; the area is served by the public water supply. In addition, due to the depth of groundwater (> 20-ft bgs), it is unlikely to be encountered during planned site redevelopment.
Inhalation of Air	• People are not coming into contact with soil vapors because vapor barriers will be included in the construction of new buildings on Site. • However, there is the potential that persons may be exposed to site-related contaminants in soil vapor through soil vapor intrusion at nearby off-site locations and a soil vapor intrusion evaluation is recommended.

6.0 CONCLUSIONS AND RECOMMENDATIONS

6.1 Summary of the Remedial Investigation

RI activities were conducted between January 2020 and June 2021. RI activities included the following scope of work: (i) delineation of the horizontal and vertical extent of impacted soils, groundwater, and soil vapor on Site; (ii) assessment of the potential fate and transport of contaminants; and (iii) data collection to allow for evaluation of potential remedial alternatives for exposure mitigation.

The following is a brief presentation of the RI findings[2]:

1. Elevation of the property ranges from approximately 28.4 to 30.1 feet above mean sea level (NAVD 88).

2. Based on information obtained from permanent monitoring wells installed on-Site, depth to groundwater ranged from approximately 24.0 to 25.3 feet below ground surface at the Site.

3. Groundwater on Site flows from south-southwest to the north-northeast, although groundwater gradient is relatively flat beneath the Site (**Figure 7**).

4. Soils observed in boring logs advanced on Site indicate that subsurface soil at the Site consisted of C&D, which was primarily comprised of brick, concrete, asphalt and other debris in a brown silty-sand matrix. The layer of C&D and historic fill extended to a depth ranging from ground surface to approximately 17 feet below grade. Native soil consisting of brown silty sands is present below the C&D and historic fill material.

5. Soil samples collected and analyzed during the RI contained metals including copper, mercury, nickel, lead, and zinc above Unrestricted Use Soil Cleanup Objectives (UUSCOs). Seven semi-volatile organic compounds (SVOCs) including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno(1,2,3-cd)pyrene were detected at

[2] Sample and well locations noted herein are depicted in Figures 4 through 7.

concentrations above their Track 1 UUSCOs and/or Track 2 Restricted Residential Soil Cleanup Objectives (RRSCOs) in the soil samples. The SVOCs detected are all polycyclic aromatic hydrocarbon (PAH) compounds. Pesticides including 4,4'-DDD, 4,4'-DDD, 4,4'-DDT, and Dieldrin were detected above UUSCOs in soil samples. Concentrations and distribution of metals, PAH compounds, and pesticides suggest that they are associated with historic fill material and C&D observed during sampling. It is noted that three soil borings contained PAHs and metals at the depth of 26.5- 30 feet below grade. Since native material was encountered at depths of 17 feet and greater it is unlikely that the SVOC exceedances in soils immediately above the water table are due to placement of fill or C&D. The observation is more likely related to borehole slough from shallower depths into the boring during continuous advancement of the macro-core soil sampler during soil boring installation.

One soil sample (SRI-4 (1-1.5)) contained xylene and other VOC detections. The concentration of xylene is above its Track 1 UUSCOs and other VOC detections are below the UUSCOs. This observation may be associated with a release of petroleum at that location.

Three shallow soil samples contained perfluorooctanesulfonic Acid (PFOS) at concentrations above their respective screening levels.

6. Of the eleven groundwater samples collected from the site (five from temporary wells and six from permanent wells), tetrachloroethene (PCE) was detected above NYSDEC Ambient Water Quality Standards (AWQS) in all groundwater samples and ranged from 5.3 to 22 µg/L. Chloroform was detected in groundwater above its AWQ of 7 µg/L in three of the eleven samples at concentrations ranged from 8.2 to 36 µg/L.

   On-Site groundwater samples collected and analyzed from temporary well points during the RI showed dissolved SVOCs including benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(k)fluoranthene, chrysene, and indeno(1,2,3-cd)pyrene above their respective AWQS. These SVOCs were also detected above AWQS in one of the off-site permanent well. One pesticide, dieldrin, was detected above AWQS in seven of the groundwater samples (three from temporary wells and four from permanent wells). The presence of PAH compounds and pesticides in groundwater on Site is most likely due to

the presence of C&D material on Site and entrained sediment colloids in the groundwater samples as these contaminants have very low solubilities.

All the groundwater samples (six collected from permanent well and one collected from temporary well) contained PFOA and PFOS at concentrations above their respective screening level of 10 ng/L under NYSDEC's Part 375 Remedial Programs. Groundwater samples exhibited PFOA and PFOS at a combined (total) concentration below its screening level of 500 ng/L under NYSDEC's Part 375 Remedial Programs.

7. Of the eleven soil gas samples collected during the RI, PCE was detected in all of the soil vapor samples and ranged from 25.1 µg/m^3 to 209 µg/m^3. Trichloroethene (TCE) was detected in 10 of 11 samples and ranged in concentration from 1.42 µg/m^3 to 23.8 µg/m^3.

6.2 Qualitative Human Health Exposure Assessment (QHHEA)

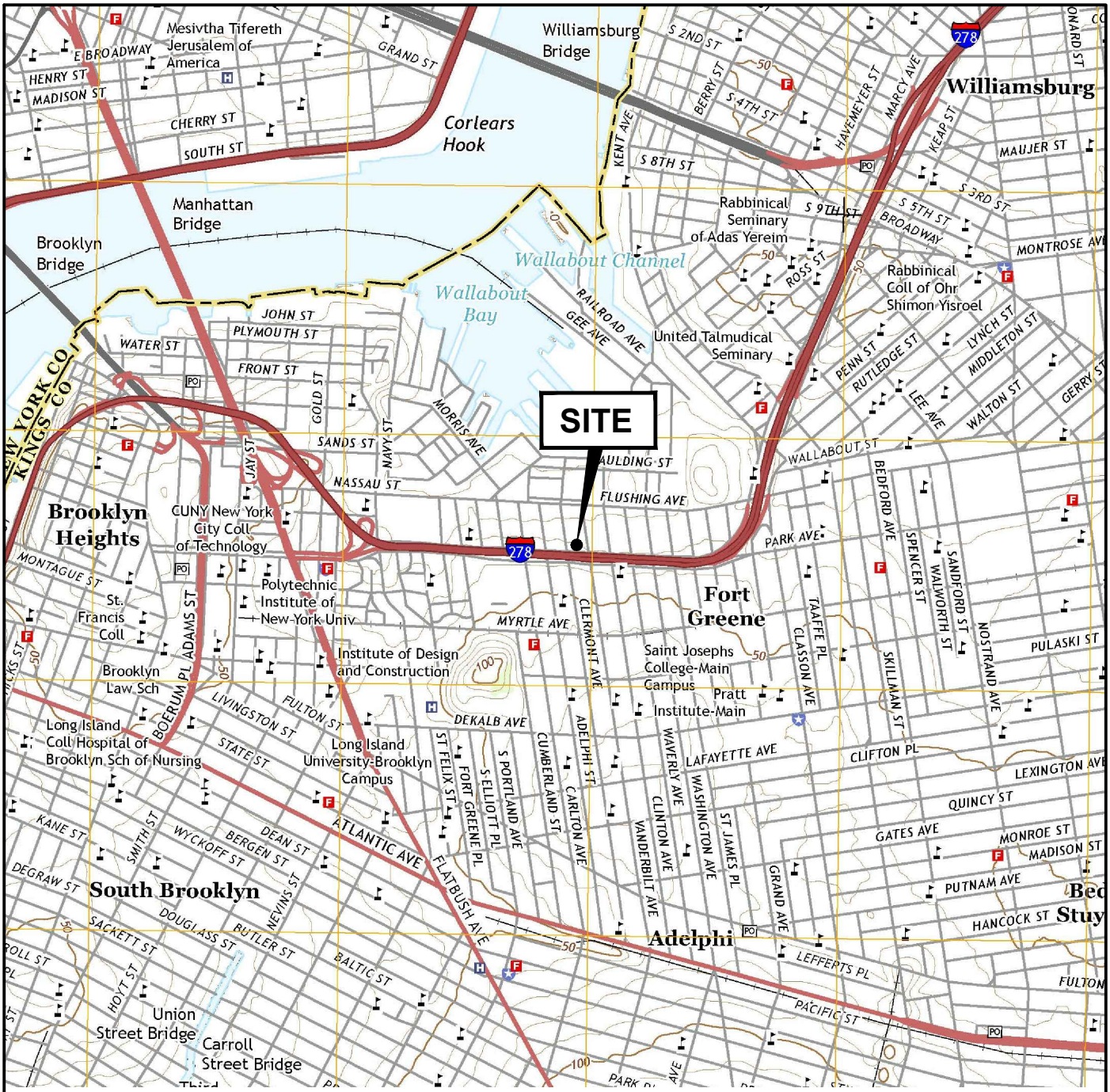
The QHHEA identified groundwater as the primary impacted media and soil as the potential sources of Constituents of Potential Concern (COPCs). Site future residences are not a likely receptor population for dermal, or ingestion pathways. Construction or utility workers conducting intrusive subsurface activates could be exposed to COPCs in Site soils and groundwater. The Site Management Plan will outline soil and groundwater handling practices to minimize exposure.
In addition, given the proximity to the site and the levels of chlorinated VOCs in groundwater and soil vapor, an evaluation of soil vapor intrusion is warranted.

FIGURES

TABLES

APPENDICES

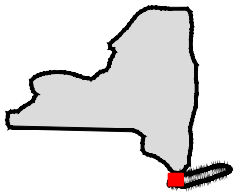
FIGURES



0 1000' 2000' 4000'

SCALE IN FEET 1" = 2000'

NEW YORK



QUADRANGLE LOCATION

SOURCE:

BASE MAP FROM THE FOLLOWING USGS QUADRANGLE MAP:
BROOKLYN, NY (2016)

DIGITAL TOPOGRAPHIC MAPS PROVIDED BY USGSSTORE.GOV.

CONTOUR ELEVATIONS REFERENCE NAVD 88,
CONTOURS ARE SHOWN IN FEET AT 10' INTERVALS

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205 PARK AVENUE
BROOKLYN, NEW YORK

PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
www.gza.com

PREPARED FOR:
PREFERRED BUILDERS

SITE LOCATION MAP

PROJ MGR: DW	REVIEWED BY: DW	CHECKED BY: DW	FIGURE 1
DESIGNED BY: SW	DRAWN BY: MT	SCALE: 1" = 2,000'	
DATE: APRIL 2019	PROJECT NO. 12.0076834.00	REVISION NO.	SHEET NO.

LEGEND:

SITE BOUNDARY

NOTES:

1. BASE MAP DEVELOPED FROM 2019 GOOGLE EARTH PROFESSIONAL WITH AN IMAGERY DATE OF 6/15/2018.

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0 20' 40' 80'

SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

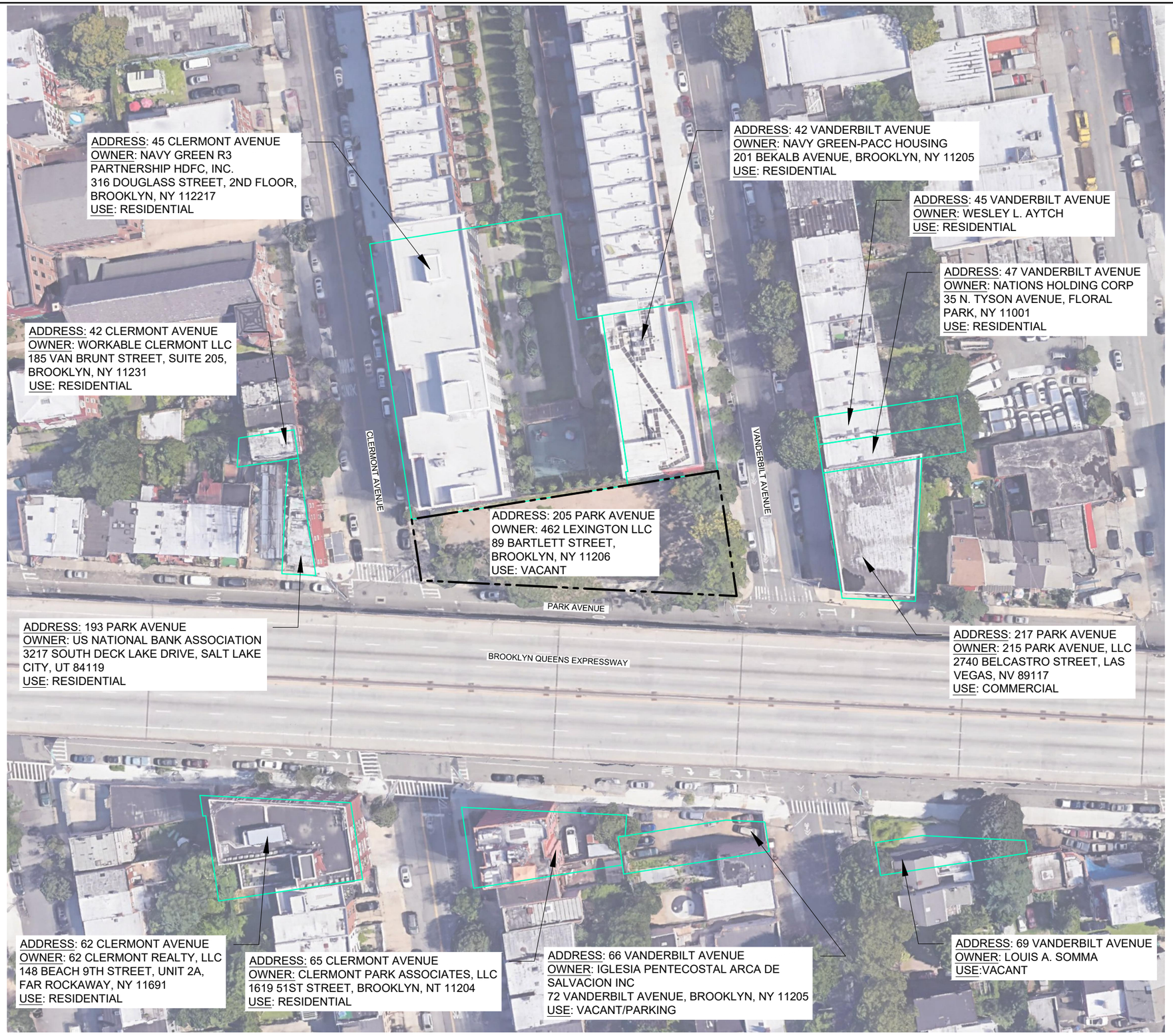
205 PARK AVENUE
BROOKLYN, NEW YORK

SITE PLAN

PREPARED BY:
GZA GeoEnvironmental of NY
Engineers and Scientists
www.gza.com

PREPARED FOR:
462 LEXINGTON, LLC.

PROJ MGR: ZS	REVIEWED BY: ZS	CHECKED BY: DW	FIGURE 2
DESIGNED BY: ZS	DRAWN BY: PB/MT	SCALE: 1" = 40'	
DATE: JANUARY 2020	PROJECT NO. 12.0076834.10	REVISION NO.	SHEET NO.



LEGEND:

SITE BOUNDARY

ADJACENT PARCEL

NOTES:

1. BASE MAP DEVELOPED FROM 2019 GOOGLE EARTH PROFESSIONAL WITH AN IMAGERY DATE OF 6/15/2018.

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0 20' 40' 80'

SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

205 PARK AVENUE
BROOKLYN, NEW YORK

ADJACENT PROPERTY USE AND OWNER INFORMATION

PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 462 LEXINGTON, LLC.	
PROJ MGR: ZS	REVIEWED BY: ZS	CHECKED BY: DW	FIGURE 3
DESIGNED BY: ZS	DRAWN BY: LN	SCALE: 1" = 40'	
DATE: JANUARY 2021	PROJECT NO. 12.0076834.10	REVISION NO.	SHEET NO.

	NYS Part 375 Restricted-Residential SCOs	NYS Part 375 Unrestricted Use SCOs	SB-8 1/6/2020	
			5.5'-6' bgs	15.5'-16' bgs
			mg/kg	mg/kg
Volatile Organics				
VOCs			ND	ND
1,4-Dioxane	13	0.1	ND	ND
Semivolatile Organics				
SVOCs			NE	NE
Pesticides				
Pesticides			ND	ND
PCBs				
PCBs			ND	ND
Metals				
Metals			NE	NE

	NYS Part 375 Restricted-Residential SCOs	NYS Part 375 Unrestricted Use SCOs	SB-6 1/7/2020	
			5.5'-6' bgs	15.5'-16' bgs
			mg/kg	mg/kg
Volatile Organics				
VOCs			ND	ND
1,4-Dioxane	13	0.1	ND	ND
Semivolatile Organics				
SVOCs			ND	ND
Organochlorine Pesticides				
4,4'-DDE	8.9	0.0033	0.0215	ND
4,4'-DDD	13	0.0033	0.00938	ND
4,4'-DDT	7.9	0.0033	0.0464	ND
PCBs				
PCBs			ND	ND
Metals				
Metals			NE	NE

	NYS Part 375 Restricted-Residential SCOs	NYS Part 375 Unrestricted Use SCOs	SRI-3 (2-2.5) 6/15/2021	SRI-3 (28-28.5) 6/15/2021
			2-2.5' bgs	28-28.5' bgs
			mg/kg	mg/kg
Volatile Organics				
VOCs			ND	ND
1,4-Dioxane	13	0.1	ND	ND
Semivolatile Organics				
SVOCs			NE	ND
Perfluorinated Alkyl Acids				
PFOA	0.33	0.00066	ND	ND
PFOS	0.44	0.00088	ND	ND
Pesticides				
Pesticides			ND	ND
PCBs				
PCBs			ND	ND
Metals				
Mercury	0.81	0.18	ND	ND

	NYS Part 375 Restricted-Residential SCOs	NYS Part 375 Unrestricted Use SCOs	SB-4 1/6/2020	
			3'-3.5' bgs	15'-15.5' bgs
			mg/kg	mg/kg
Volatile Organics				
VOCs			ND	ND
Semivolatile Organics				
SVOCs			ND	ND
Pesticides				
Pesticides			ND	ND
PCBs				
PCBs			ND	ND
Metals				
Metals			NE	NE

	NYS Part 375 Restricted-Residential SCOs	NYS Part 375 Unrestricted Use SCOs	SRI-7 (1.5-2) 6/15/2021	SRI-7 (24.5-25) 6/15/2021
			1.5-2' bgs	24.5-25' bgs
			mg/kg	mg/kg
Volatile Organics				
VOCs			ND	ND
1,4-Dioxane	13	0.1	ND	ND
Semivolatile Organics				
SVOCs			NE	ND
Perfluorinated Alkyl Acids				
PFOA	0.33	0.00066	ND	**0.000146 J**
PFOS	0.44	0.00088	ND	ND
Pesticides				
4,4'-DDE	8.9	0.0033	**0.00399**	ND
4,4'-DDT	7.9	0.0033	**0.0158**	ND
PCBs				
PCBs			NE	ND
Metals				
Mercury	0.81	0.18	ND	ND

	NYS Part 375 Restricted-Residential SCOs	NYS Part 375 Unrestricted Use SCOs	SRI-4 (1-1.5) 6/15/2021	SRI-4 (26.5-27) 6/15/2021
			1-1.5' bgs	26.5-27' bgs
			mg/kg	mg/kg
Volatile Organics				
Xylenes (total)	100	0.26	**2.4**	NA
1,4-Dioxane	13	0.1	ND	ND
Semivolatile Organics				
SVOCs			NE	ND
Perfluorinated Alkyl Acids				
PFOA	0.33	0.00066	**0.000213 J**	**0.000134 J**
PFOS	0.44	0.00088	**0.00293**	**0.000644**
Pesticides				
Dieldrin	0.2	0.005	**0.00655 P**	ND
4,4'-DDD	13	0.0033	**0.0183 P**	ND
4,4'-DDT	7.9	0.0033	**0.0203 P**	ND
PCBs				
PCBs			ND	NE
Metals				
Mercury	0.81	0.18	0.211	ND

	NYS Part 375 Restricted-Residential SCOs	NYS Part 375 Unrestricted Use SCOs	SB-2 1/7/2020	
			3.5'-4' bgs	16'-16.5' bgs
			mg/kg	mg/kg
Volatile Organics				
VOCs			ND	ND
1,4-Dioxane	13	0.1	ND	ND
Semivolatile Organics				
SVOCs			ND	ND
Pesticides				
Pesticides			ND	ND
PCBs				
PCBs			ND	ND
Metals				
Metals			NE	NE

	NYS Part 375 Restricted-Residential SCOs	NYS Part 375 Unrestricted Use SCOs	PARK AVE 3 12/11/2020
			2.5'-3' bgs
			mg/kg
Volatile Organics			
VOCs			NA
Semivolatile Organics			
SVOCs			NE
Pesticides			
Pesticides			NA
PCBs			
PCBs			NA
Total Metal			
Mercury, Total	0.81	0.18	0.822
Nickel, Total	310	30	31.6

	NYS Part 375 Restricted-Residential SCOs	NYS Part 375 Unrestricted Use SCOs	SB-10 1/7/2020	
			2'-2.5' bgs	15'-15.5' bgs
			mg/kg	mg/kg
Volatile Organics				
VOCs			ND	NE
1,4-Dioxane	13	0.1	ND	ND
Semivolatile Organics				
SVOCs			NE	ND
Pesticides				
Pesticides			ND	ND
PCBs				
PCBs			ND	ND
Metals				
Metals			NE	NE

	NYS Part 375 Restricted-Residential SCOs	NYS Part 375 Unrestricted Use SCOs	SRI-8 (3.5-4) 6/15/2021	SRI-8 (29.5-30) 6/15/2021	DUP-2 SRI-8 (29.5-30) 6/15/2021
			3.5-4' bgs	29-29.5' bgs	29-29.5' bgs
			mg/kg	mg/kg	mg/kg
Volatile Organics					
VOCs			NE	NE	NE
1,4-Dioxane	13	0.1	ND	ND	ND
Semivolatile Organics					
Benzo(a)anthracene	1	1	**12**	**0.059 J**	**0.036 J**
Benzo(a)pyrene	1	1	**9.2**	ND	ND
Benzo(b)fluoranthene	1	1	**11**	**0.057 J**	**0.032 J**
Benzo(k)fluoranthene	3.9	0.8	**3.9**	ND	ND
Chrysene	3.9	1	**10**	**0.052 J**	**0.033 J**
Dibenzo(a,h)anthracene	0.33	0.33	**1.4**	ND	ND
Indeno(1,2,3-cd)pyrene	0.5	0.5	**6.1**	**0.024 J**	ND
Perfluorinated Alkyl Acids					
PFOA	0.33	0.00066	**0.000081 J**	ND	ND
PFOS	0.44	0.00088	**0.000648**	ND	ND
Pesticides					
Pesticides			ND	ND	ND
PCBs					
PCBs			ND	ND	ND
Metals					
Lead	400	63	**338**	**15.2**	**13.5**
Mercury	0.81	0.18	**0.406**	**0.142**	ND
Nickel	310	30	**10**	**31.5**	**16.3**
Zinc	10000	109	**118**	**24.1**	**22.4**

	NYS Part 375 Restricted-Residential SCOs	NYS Part 375 Unrestricted Use SCOs	SRI-6 (2-2.5) 6/15/2021	SRI-6 (26.5-27) 6/15/2021
			2-2.5' bgs	26.5-27' bgs
			mg/kg	mg/kg
Volatile Organics				
VOCs			ND	NE
1,4-Dioxane	13	0.1	ND	ND
Semivolatile Organics				
Benzo(a)anthracene	1	1	**1.1**	ND
Benzo(a)pyrene	1	1	**0.8**	ND
Benzo(b)fluoranthene	1	1	**1**	ND
Benzo(k)fluoranthene	3.9	0.8	**0.37**	ND
Chrysene	3.9	1	**1**	ND
Indeno(1,2,3-cd)pyrene	0.5	0.5	**0.51**	ND
Perfluorinated Alkyl Acids				
PFOA	0.33	0.00066	**0.000066 J**	ND
PFOS	0.44	0.00088	**0.000132 J**	ND
Pesticides				
Pesticides			ND	ND
PCBs				
PCBs			ND	ND
Metals				
Mercury	0.81	0.18	**0.386**	**0.486**

	NYS Part 375 Restricted-Residential SCOs	NYS Part 375 Unrestricted Use SCOs	SB-1 1/6/2020	
			6.5'-7' bgs	15.5'-16' bgs
			mg/kg	mg/kg
Volatile Organics				
VOCs			ND	NE
1,4-Dioxane	13	0.1	ND	ND
Semivolatile Organics				
SVOCs			ND	NE
Pesticides				
Pesticides			ND	ND
PCBs				
PCBs			ND	ND
Metals				
Metals			NE	NE

	NYS Part 375 Restricted-Residential SCOs	NYS Part 375 Unrestricted Use SCOs	SB-9 1/7/2020	
			3.5'-4' bgs	15'-15.5' bgs
			mg/kg	mg/kg
Volatile Organics				
VOCs			ND	NE
1,4-Dioxane	13	0.1	ND	ND
Semivolatile Organics				
SVOCs			ND	ND
Pesticides				
Pesticides			ND	ND
PCBs				
PCBs			ND	ND
Metals				
Metals			NE	NE

	NYS Part 375 Restricted-Residential SCOs	NYS Part 375 Unrestricted Use SCOs	SRI-5 (1.5-2) 6/15/2021	SRI-5 (27-27.5) 6/15/2021
			1.5-2' bgs	27-27.5' bgs
			mg/kg	mg/kg
Volatile Organics				
VOCs			ND	NE
1,4-Dioxane	13	0.1	ND	ND
Semivolatile Organics				
Benzo(a)anthracene	1	1	**2.2**	**2.8**
Benzo(a)pyrene	1	1	**1.6**	**2.1**
Benzo(b)fluoranthene	1	1	**2.2**	**2.6**
Benzo(k)fluoranthene	3.9	0.8	**0.79**	**0.85**
Chrysene	3.9	1	**1.8**	**2.5**
Indeno(1,2,3-cd)pyrene	0.5	0.5	**1.1**	**1.2**
Perfluorinated Alkyl Acids				
PFOA	0.33	0.00066	**0.00016 J**	**0.000126 J**
PFOS	0.44	0.00088	**0.00344**	ND
Pesticides				
4,4'-DDE	8.9	0.0033	0.00373	ND
4,4'-DDD	13	0.0033	0.00643	ND
4,4'-DDT	7.9	0.0033	0.0185	ND
PCBs				
PCBs			NE	ND
Metals				
Mercury	0.81	0.18	NE	ND

	NYS Part 375 Restricted-Residential SCOs	NYS Part 375 Unrestricted Use SCOs	PARK AVE 5 12/11/2020
			2.5'-3' bgs
			mg/kg
Volatile Organics			
VOCs			NA
Pesticides			
Pesticides			NA
PCBs			
PCBs			NA
Semivolatile Organics			
Benzo(b)fluoranthene	1	1	1.2
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.67
Total Metal			
Lead, Total	400	63	118
Mercury, Total	0.81	0.18	0.208
Zinc, Total	10000	109	124

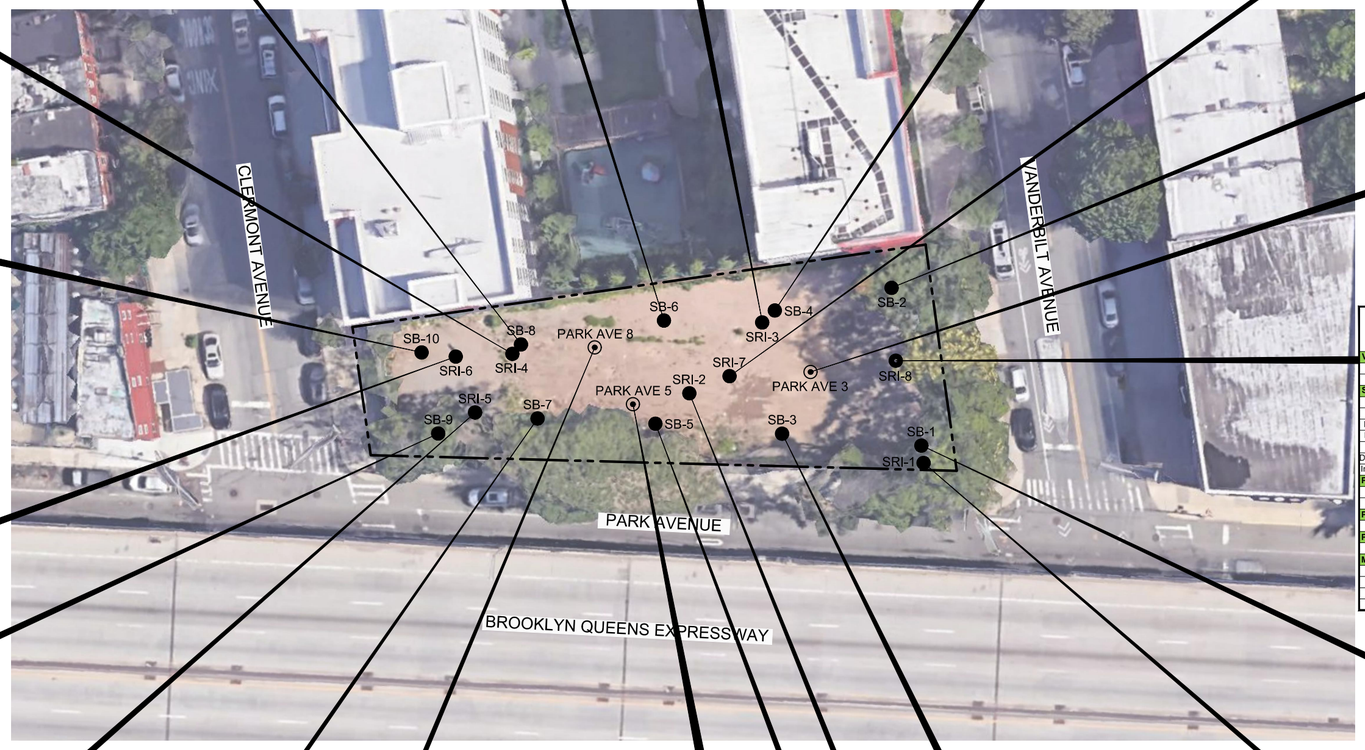
	NYS Part 375 Restricted-Residential SCOs	NYS Part 375 Unrestricted Use SCOs	SB-3 1/7/2020	
			7'-7.5' bgs	15'-15.5' bgs
			mg/kg	mg/kg
Volatile Organics				
VOCs			ND	NE
1,4-Dioxane	13	0.1	ND	ND
Semivolatile Organics				
SVOCs			NE	ND
Pesticides				
Pesticides			ND	ND
PCBs				
PCBs			ND	ND
Metals				
Copper, Total	270	50	11.2	78.1

	NYS Part 375 Restricted-Residential SCOs	NYS Part 375 Unrestricted Use SCOs	PARK AVE 8 12/11/2020
			2.5'-3' bgs
			mg/kg
Volatile Organics			
VOCs			NA
Semivolatile Organics			
SVOCs			NE
Pesticides			
Pesticides			NA
PCBs			
PCBs			NA
Total Metal			
Lead, Total	400	63	103
Mercury, Total	0.81	0.18	0.183
Nickel, Total	310	30	33
Zinc, Total	10000	109	120

	NYS Part 375 Restricted-Residential SCOs	NYS Part 375 Unrestricted Use SCOs	SB-5 1/6/2020	
			5.5'-6' bgs	15.5'-16' bgs
			mg/kg	mg/kg
Volatile Organics				
VOCs			ND	NE
1,4-Dioxane	13	0.1	ND	ND
Semivolatile Organics				
Benzo(a)anthracene	1	1	ND	1.9
Benzo(a)pyrene	1	1	ND	1.9
Benzo(b)fluoranthene	1	1	ND	2.5
Benzo(k)fluoranthene	3.9	0.8	ND	0.9
Chrysene	3.9	1	ND	1.5
Indeno(1,2,3-cd)pyrene	0.5	0.5	ND	1.3
Pesticides				
Pesticides			ND	ND
PCBs				
PCBs			ND	ND
Metals				
Metals			NE	NE

	NYS Part 375 Restricted-Residential SCOs	NYS Part 375 Unrestricted Use SCOs	SRI-2 (0-0.5) 6/15/2021	SRI-2 (30-30.5) 6/15/2021
			0-0.5' bgs	30-30.5' bgs
			mg/kg	mg/kg
Volatile Organics				
VOCs			ND	NE
1,4-Dioxane	13	0.1	ND	ND
Semivolatile Organics				
SVOCs			NE	ND
Perfluorinated Alkyl Acids				
PFOA	0.33	0.00066	**0.0001 J**	**0.000124 J**
PFOS	0.44	0.00088	**0.00326**	**0.000189 JF**
Pesticides				
Pesticides			ND	ND
PCBs				
PCBs			ND	ND
Metals				
Lead	400	63	**163**	**8.68**
Mercury	0.81	0.18	**0.253**	ND
Zinc	10000	109	**169**	**37.5**

	NYS Part 375 Restricted-Residential SCOs	NYS Part 375 Unrestricted Use SCOs	SRI-1 (3-3.5) 6/15/2021	SRI-1 (25-25.5) 6/15/2021	DUP-1 SRI-1 (25-25.5) 6/15/2021
			3-3.5' bgs	25-25.5' bgs	25-25.5' bgs
			mg/kg	mg/kg	mg/kg
Volatile Organics					
VOCs			ND	NE	ND
1,4-Dioxane	13	0.1	ND	ND	ND
Semivolatile Organics					
SVOCs			ND	ND	ND
Perfluorinated Alkyl Acids					
PFOA	0.33	0.00066	**0.000056 J**	**0.000062 J**	**0.000085 J**
PFOS	0.44	0.00088	ND	**0.000154 J**	**0.000303**
Pesticides					
Pesticides			ND	ND	ND
PCBs					
PCBs			ND	ND	ND
Metals					
Metals			NE	NE	NE



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0 20' 40' 80'

SCALE IN FEET

LEGEND:

- SITE BOUNDARY
- SOIL BORING LOCATION
- SUPPLEMENTAL SOIL BORING LOCATION
- THIS VALUE EXCEEDS NYS UNRESTRICTED USE SOIL CLEANUP OBJECTIVES (SCOS)
- THIS VALUE EXCEEDS BOTH NYS UNRESTRICTED USE SOIL CLEANUP OBJECTIVES AND RESTRICTED-RESIDENTIAL SOIL CLEANUP OBJECTIVES

- bgs BELOW GROUND SURFACE
- mg/kg MILLIGRAM PER KILOGRAM
- ND NOT DETECTED AT A CONCENTRATION ABOVE SCO AND/OR LABORATORY REPORTING LIMIT
- NE NOT EXCEEDED THE SCO

NOTES:

1. BASE MAP DEVELOPED FROM 2019 GOOGLE EARTH PROFESSIONAL WITH AN IMAGERY DATE OF 6/15/2018.

NO.	ISSUE/DESCRIPTION	BY	DATE

205 PARK AVENUE
BROOKLYN, NEW YORK

SOIL BORING ANALYTICAL RESULTS SUMMARY

PREPARED BY:
GZA GeoEnvironmental of NY
Engineers and Scientists
www.gza.com

PREPARED FOR:
462 LEXINGTON, LLC.

PROJ MGR: ZS	REVIEWED BY: ZS	CHECKED BY: DW	FIGURE 4
DESIGNED BY: ZS	DRAWN BY: MT	SCALE: 1" = 40'	
DATE: JULY 2021	PROJECT NO. 12.0076834.10	REVISION NO.	SHEET NO.

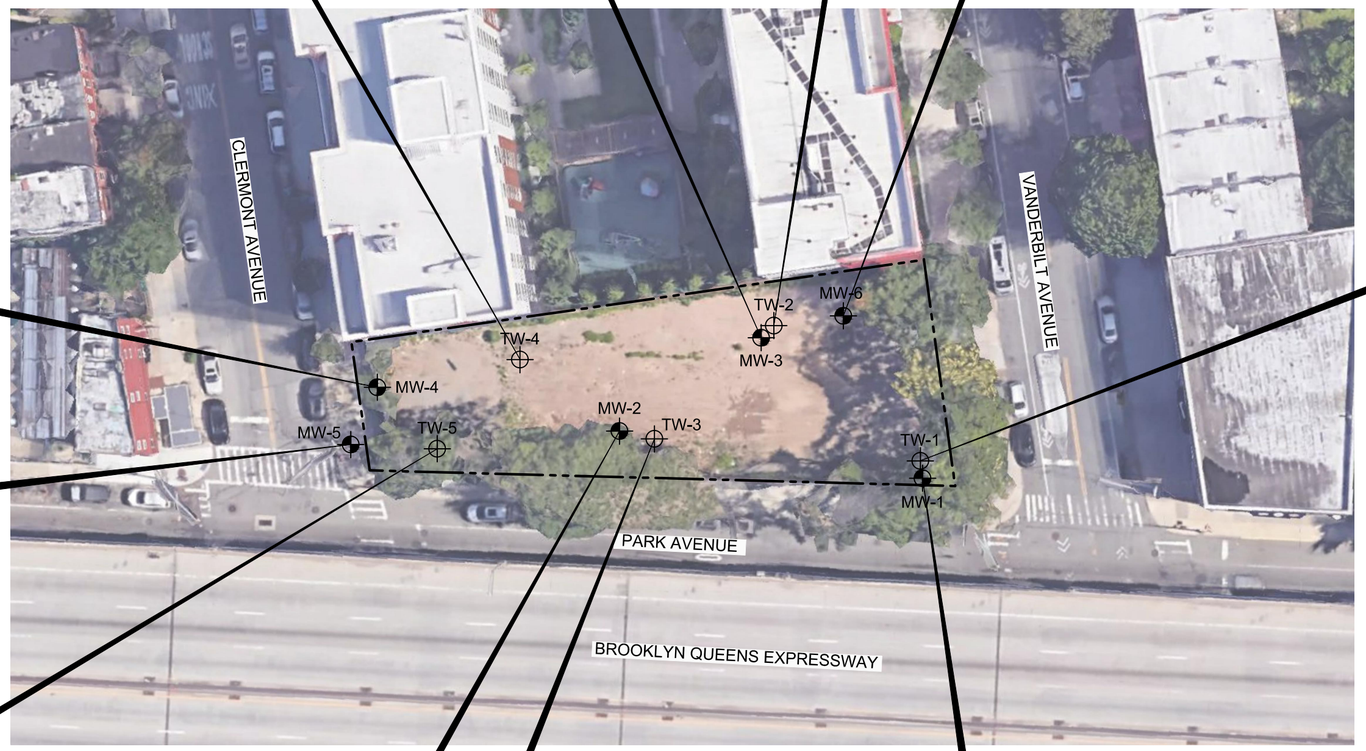
LOCATION	NYSDEC TOGS Standards and Guidance Values-GA	TW-4
SAMPLING DATE		1/7/2020
LAB SAMPLE ID		L2000635-01
SAMPLE DEPTH (ft.)		33 ft bgs
		µg/l
Volatile Organics		
Tetrachloroethene	5	**8.7**
Chloroform	7	**34**
Semivolatile Organics		
Benzo(a)anthracene	0.002	**0.05J**
Benzo(a)pyrene	0	**0.03J**
Benzo(b)fluoranthene	0.002	**0.04J**
Benzo(k)fluoranthene	0.002	**0.02J**
Chrysene	0.002	**0.03J**
Indeno(1,2,3-cd)pyrene	0.002	**0.03J**
Total Metals		
Aluminum, Total	2000	**2,960**
Iron, Total	600	**5,320**
Manganese, Total	600	**676.8**
1,4-Dioxane		
1,4-Dioxane		NA

LOCATION	NYSDEC TOGS Standards and Guidance Values-GA	MW-3
SAMPLING DATE		6/18/2021
LAB SAMPLE ID		L2133428-05
SAMPLE DEPTH (ft.)		
		µg/l
Volatile Organics		
Tetrachloroethene	5	**17**
Semivolatile Organics		
Benzo(b)fluoranthene	0.002	**0.01J**
Organochlorine Pesticides		
Dieldrin	0.004	**0.007J**
Perfluorinated Alkyl Acids		
Perfluorooctanoic Acid (PFOA)	0.01	**0.137**
Perfluorooctanesulfonic Acid (PFOS)	0.01	**0.0156**
PFOA/PFOS, Total	0.5	0.153
1,4-Dioxane		
1,4-Dioxane		0.0861

LOCATION	NYSDEC TOGS Standards and Guidance Values-GA	TW-2
SAMPLING DATE		1/8/2020
LAB SAMPLE ID		L2000844-02
SAMPLE DEPTH (ft.)		33 ft bgs
		µg/l
Volatile Organics		
Tetrachloroethene	5	**10**
Semivolatile Organics		
Benzo(a)anthracene	0.002	**0.03J**
Benzo(a)pyrene	0	**0.02J**
Benzo(b)fluoranthene	0.002	**0.03J**
Benzo(k)fluoranthene	0.002	**0.01J**
Chrysene	0.002	**0.02J**
Indeno(1,2,3-cd)pyrene	0.002	**0.02J**
Total Metals		
Iron, Total	600	**1,640**
Manganese, Total	600	**640.3**
Organochlorine Pesticides		
Dieldrin	0.004	**0.009J**
1,4-Dioxane		
1,4-Dioxane		NA

LOCATION	NYSDEC TOGS Standards and Guidance Values-GA	MW-6	DUP-1
SAMPLING DATE		6/22/2021	6/22/2021
LAB SAMPLE ID		L2133901-03	L2133901-04
SAMPLE DEPTH (ft.)			
		µg/l	µg/l
Volatile Organics			
Tetrachloroethene	5	**18**	**18**
Organochlorine Pesticides			
Dieldrin	0.004	**0.016J**	**0.013J**
Total Metals			
Iron	600	**696**	**626**
Perfluorinated Alkyl Acids			
Perfluorooctanoic Acid (PFOA)	0.01	**0.0738**	**0.0737**
Perfluorooctanesulfonic Acid (PFOS)	0.01	**0.0143**	**0.0144**
PFOA/PFOS, Total	0.5	0.0881	0.0881
1,4-Dioxane			
1,4-Dioxane		0.0952	0.107

LOCATION	NYSDEC TOGS Standards and Guidance Values-GA	TW-1
SAMPLING DATE		1/6/2020, 1/8/2020
LAB SAMPLE ID		L2000844-01,L2000463-09
SAMPLE DEPTH (ft.)		28 ft bgs
		µg/l
Volatile Organics		
Tetrachloroethene	5	**18**
Semivolatile Organics		
Benzo(a)anthracene	0.002	**0.08J**
Benzo(a)pyrene	0	**0.06J**
Benzo(b)fluoranthene	0.002	**0.09J**
Benzo(k)fluoranthene	0.002	**0.04J**
Chrysene	0.002	**0.06J**
Indeno(1,2,3-cd)pyrene	0.002	**0.06J**
Total Metals		
Aluminum, Total	2000	**29,100**
Barium, Total	2000	**3,059**
Beryllium, Total	3	**6.89**
Chromium, Total	100	**254.2**
Iron, Total	600	**36,400**
Lead, Total	50	**335.9**
Magnesium, Total	35000	**70,600**
Manganese, Total	600	**29,450**
Nickel, Total	200	**316.7**
Selenium, Total	20	**37.5**
Dissolved Metals		
Manganese, Dissolved	600	**888**
Organochlorine Pesticides		
Dieldrin	0.004	**0.022J**
Perfluorinated Alkyl Acids		
Perfluorooctanoic Acid (PFOA)	0.001	**0.093**
Perfluorooctanesulfonic Acid (PFOS)	0.001	**0.032**
PFOA/PFOS, Total	0.5	0.126
1,4-Dioxane		
1,4-Dioxane		0.097



LOCATION	NYSDEC TOGS Standards and Guidance Values-GA	MW-4
SAMPLING DATE		6/22/2021
LAB SAMPLE ID		L2133901-01
SAMPLE DEPTH (ft.)		
		µg/l
Volatile Organics		
Chloroform	7	**8.2**
Tetrachloroethene	5	**5.3**
Perfluorinated Alkyl Acids		
Perfluorooctanoic Acid (PFOA)	0.01	**0.0775**
Perfluorooctanesulfonic Acid (PFOS)	0.01	**0.0278**
PFOA/PFOS, Total	0.5	0.105
1,4-Dioxane		
1,4-Dioxane		0.0613

LOCATION	NYSDEC TOGS Standards and Guidance Values-GA	MW-5
SAMPLING DATE		6/22/2021
LAB SAMPLE ID		L2133901-02
SAMPLE DEPTH (ft.)		
		µg/l
Volatile Organics		
Tetrachloroethene	5	**11**
Semivolatile Organics		
Benzo(a)anthracene	0.002	**0.05J**
Benzo(a)pyrene	0	**0.07J**
Benzo(b)fluoranthene	0.002	**0.09J**
Benzo(k)fluoranthene	0.002	**0.04J**
Chrysene	0.002	**0.04J**
Indeno(1,2,3-cd)pyrene	0.002	**0.09J**
Perfluorinated Alkyl Acids		
Perfluorooctanoic Acid (PFOA)	0.01	**0.084**
Perfluorooctanesulfonic Acid (PFOS)	0.01	**0.0146**
PFOA/PFOS, Total	0.5	0.0986
1,4-Dioxane		
1,4-Dioxane		ND

LOCATION	NYSDEC TOGS Standards and Guidance Values-GA	TW-5
SAMPLING DATE		1/7/2020
LAB SAMPLE ID		L2000635-02
SAMPLE DEPTH (ft.)		28 ft bgs
		µg/l
Volatile Organics		
Tetrachloroethene	5	**6**
Chloroform	7	**36**
Semivolatile Organics		
Benzo(a)anthracene	0.002	**0.39**
Benzo(a)pyrene	0	**0.36**
Benzo(b)fluoranthene	0.002	**0.43**
Benzo(k)fluoranthene	0.002	**0.15**
Chrysene	0.002	**0.35**
Indeno(1,2,3-cd)pyrene	0.002	**0.24**
Total Metals		
Aluminum, Total	2000	**13,800**
Iron, Total	600	**26,800**
Lead, Total	50	**81.89**
Manganese, Total	600	**2,121**
1,4-Dioxane		
1,4-Dioxane		NA

LOCATION	NYSDEC TOGS Standards and Guidance Values-GA	MW-2
SAMPLING DATE		6/18/2021
LAB SAMPLE ID		L2133428-04
SAMPLE DEPTH (ft.)		
		µg/l
Volatile Organics		
Tetrachloroethene	5	**15**
Organochlorine Pesticides		
Dieldrin	0.004	**0.015J**
Perfluorinated Alkyl Acids		
Perfluorooctanoic Acid (PFOA)	0.01	**0.0988**
Perfluorooctanesulfonic Acid (PFOS)	0.01	**0.0167**
PFOA/PFOS, Total	0.5	0.0116
1,4-Dioxane		
1,4-Dioxane		0.0892

LOCATION	NYSDEC TOGS Standards and Guidance Values-GA	TW-3
SAMPLING DATE		1/8/2020
LAB SAMPLE ID		L2000844-03
SAMPLE DEPTH (ft.)		33 ft bgs
		µg/l
Volatile Organics		
Tetrachloroethene	5	**20**
Semivolatile Organics		
Benzo(a)anthracene	0.002	**0.1J**
Benzo(a)pyrene	0	**0.08J**
Benzo(b)fluoranthene	0.002	**0.11**
Benzo(k)fluoranthene	0.002	**0.04J**
Chrysene	0.002	**0.07J**
Indeno(1,2,3-cd)pyrene	0.002	**0.05J**
Total Metals		
Aluminum, Total	2000	**3,320**
Iron, Total	600	**6,860**
Manganese, Total	600	**917**
Thallium, Total	0.5	**0.95J**
Organochlorine Pesticides		
Dieldrin	0.004	**0.018J**
1,4-Dioxane		
1,4-Dioxane		NA

LOCATION	NYSDEC TOGS Standards and Guidance Values-GA	MW-1
SAMPLING DATE		6/18/2021
LAB SAMPLE ID		L2133428-03
SAMPLE DEPTH (ft.)		
		µg/l
Volatile Organics		
Tetrachloroethene	5	**22**
Organochlorine Pesticides		
Dieldrin	0.004	**0.015J**
Perfluorinated Alkyl Acids		
Perfluorooctanoic Acid (PFOA)	0.01	**0.039**
Perfluorooctanesulfonic Acid (PFOS)	0.01	**0.011**
PFOA/PFOS, Total	0.5	0.0504
1,4-Dioxane		
1,4-Dioxane		0.288

LEGEND:

- SITE BOUNDARY
- PERMANENT WELL LOCATIONS
- TEMPORARY WELL POINT

NOTES:

1. BASE MAP DEVELOPED FROM 2019 GOOGLE EARTH PROFESSIONAL WITH AN IMAGERY DATE OF 6/15/2018.
2. GROUNDWATER SAMPLE ANALYTICAL RESULTS ARE COMPARED TO THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TECHNICAL AND OPERATIONAL GUIDANCE SERIES (TOGS) 1.1.1 AMBIENT WATER QUALITY STANDARDS (AWQS) AND GUIDANCE VALUES FOR DRINKING WATER (CLASS GA) AND TO THE NYSDEC PER-AND POLYFLUOROALKYL SUBSTANCE (PFAS) SCREENING LEVELS, JANUARY 2021. HIGHLIGHTED INDICATES THE VALUE EXCEEDING ONE OR MORE CRITERIA.
3. µg/L = MICROGRAM PER LITER
4. ONLY EXCEEDANCES/DETECTED COMPOUNDS ARE SHOWN ON THE FIGURE.

N
W E
S

0 20' 40' 80'

SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

205 PARK AVENUE
BROOKLYN, NEW YORK

GROUNDWATER ANALYTICAL RESULTS SUMMARY

PREPARED BY:		PREPARED FOR:	
GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		462 LEXINGTON, LLC.	
PROJ MGR: ZS	REVIEWED BY: ZS	CHECKED BY: DW	FIGURE 5
DESIGNED BY: ZS	DRAWN BY: MT	SCALE: 1" = 40'	
DATE: JULY 2021	PROJECT NO. 12.0076834.10	REVISION NO.	SHEET NO.

LOCATION	SG-8 (5-6')	SG-8 (20-21')
SAMPLING DATE	1/8/2020	1/9/2020
LAB SAMPLE ID	L2000840-06	L2001065-03
Volatile Organics in Air	ug/m3	
Dichlorodifluoromethane	1.9	2.73
1,3-Butadiene	2.57	3.85
Acetone	109	309
Trichlorofluoromethane	ND	1.98
Isopropanol	3.71	ND
Tertiary butyl Alcohol	1.69	ND
Carbon disulfide	2.98	1.42
1,1-Dichloroethane	ND	1.41
2-Butanone	5.84	9.59
Chloroform	19.8	288
Tetrahydrofuran	5.84	2.28
n-Hexane	4.72	5.57
1,1,1-Trichloroethane	2.48	2.55
Benzene	2.97	3.26
Carbon tetrachloride	3.48	5.25
Cyclohexane	0.733	0.919
Trichloroethene	1.42	11.3
Heptane	2.86	3.33
Toluene	11	12.9
2-Hexanone	ND	0.84
Tetrachloroethene	55.4	181
Ethylbenzene	2.44	3.08
p/m-Xylene	8.9	10.9
o-Xylene	2.88	3.45
1,3,5-Trimethylbenzene	0.988	ND
1,2,4-Trimethylbenzene	4.58	2.62

LOCATION	SG-5 (20-21')
SAMPLING DATE	1/8/2020
LAB SAMPLE ID	L2000840-03
Volatile Organics in Air	ug/m3
Dichlorodifluoromethane	2.62
1,3-Butadiene	13.1
Ethanol	10.5
Acetone	59.9
Isopropanol	3.61
Tertiary butyl Alcohol	2.38
Carbon disulfide	31
2-Butanone	8.76
cis-1,2-Dichloroethene	2.45
Chloroform	54.7
Tetrahydrofuran	5.43
n-Hexane	9.13
Benzene	14.6
Carbon tetrachloride	1.43
Cyclohexane	5.47
Trichloroethene	18.3
Heptane	6.48
4-Methyl-2-pentanone	2.09
Toluene	14.7
2-Hexanone	1.05
Tetrachloroethene	174
Ethylbenzene	2.57
p/m-Xylene	8.82
o-Xylene	2.68
1,2,4-Trimethylbenzene	3.89

LOCATION	SG-6 (20-21')	SG-6 (20-21') DUP
SAMPLING DATE	1/8/2020	1/8/2020
LAB SAMPLE ID	L2000840-04	L2001065-04
Volatile Organics in Air	ug/m3	
Dichlorodifluoromethane	2.52	3.09
1,3-Butadiene	1.12	0.832
Ethanol	20.9	18.2
Acetone	138	144
Trichlorofluoromethane	1.42	2.11
Isopropanol	4.57	3
Tertiary butyl Alcohol	4.61	4.79
Carbon disulfide	1.82	1.4
2-Butanone	5.96	5.19
Chloroform	11.5	15.9
Tetrahydrofuran	6.31	4.78
n-Hexane	4.05	2.66
1,1,1-Trichloroethane	ND	1.12
Benzene	2.42	1.84
Carbon tetrachloride	ND	1.39
Cyclohexane	0.833	ND
Trichloroethene	8.6	11.4
2,2,4-Trimethylpentane	1.18	ND
Heptane	2.48	1.84
Toluene	11.4	8.89
Tetrachloroethene	88.8	209
Ethylbenzene	1.82	2.22
p/m-Xylene	6.25	7.38
o-Xylene	2.07	2.21
1,2,4-Trimethylbenzene	4.61	3.07
1,3-Dichlorobenzene	1.73	1.88

LOCATION	SV-1	DUP-1
SAMPLING DATE	6/15/2021	6/15/2021
LAB SAMPLE ID	L2132447-01	L2132447-02
Volatile Organics in Air	ug/m3	
Dichlorodifluoromethane	5.04	2.27
Chloromethane	1.88	0.818
1,3-Butadiene	2.48	1.36
Ethanol	243	116
Acetone	119	123
Trichlorofluoromethane	1.53	1.62
Isopropanol	7.28	5.33
Tertiary butyl Alcohol	110	90.3
Carbon disulfide	1.4	0.856
2-Butanone	16.2	14.2
Chloroform	6.93	8.11
Tetrahydrofuran	4.1	2.92
n-Hexane	11.8	5.32
Benzene	4.25	2.46
Cyclohexane	12.7	3.75
Trichloroethene	5.8	8.06
2,2,4-Trimethylpentane	2.26	1.06
Heptane	9.84	6.52
4-Methyl-2-pentanone	3.05	2.19
Toluene	18.8	11.2
Tetrachloroethene	102	180
Chlorobenzene	0.949	0.972
Ethylbenzene	2.62	2.4
p/m-Xylene	8.25	6.34
o-Xylene	4.56	3.08
1,3,5-Trimethylbenzene	1.61	1.02
1,3-Dichlorobenzene	10.7	16.1

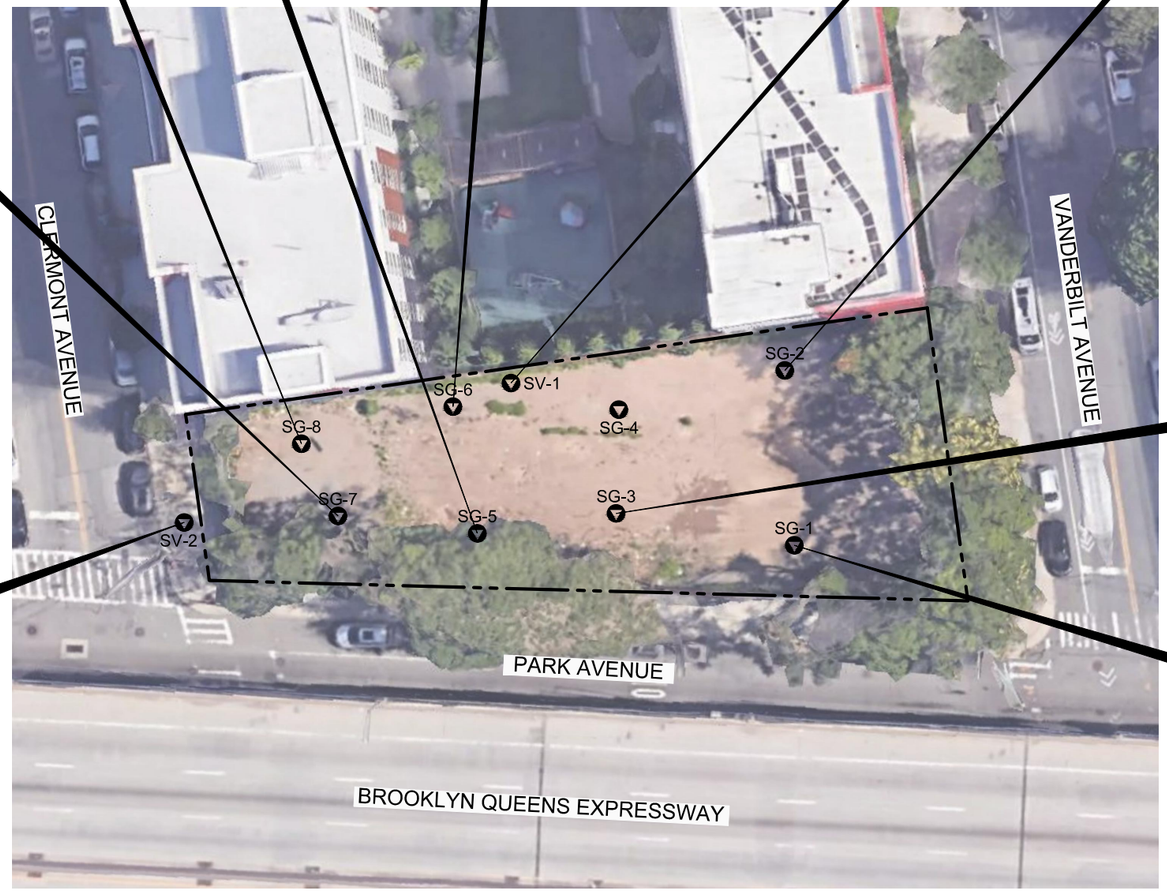
LOCATION	SG-2 (5-6')	SG-2 (20-21')
SAMPLING DATE	1/8/2020	1/9/2020
LAB SAMPLE ID	L2000840-01	L2001065-02
Volatile Organics in Air	ug/m3	
Dichlorodifluoromethane	1.65	2.24
1,3-Butadiene	ND	0.794
Ethanol	ND	9.93
Acetone	62	161
Trichlorofluoromethane	ND	1.69
Isopropanol	3.07	2.16
Tertiary butyl Alcohol	ND	3.55
Methylene chloride	1.8	ND
Carbon disulfide	ND	1.14
2-Butanone	3.13	3.86
Chloroform	ND	3.22
Tetrahydrofuran	4.36	3.51
n-Hexane	1.6	3.45
Benzene	1.11	2.06
Trichloroethene	ND	1.6
Heptane	1.08	2.03
Toluene	7.99	7.99
Tetrachloroethene	25.1	41.8
Ethylbenzene	1.84	1.27
p/m-Xylene	7.43	4.34
o-Xylene	2.42	1.31
1,2,4-Trimethylbenzene	4.51	1.9

LOCATION	SG-7 (20-21')
SAMPLING DATE	1/8/2020
LAB SAMPLE ID	L2000840-05
Volatile Organics in Air	ug/m3
Dichlorodifluoromethane	1.93
1,3-Butadiene	1.05
Acetone	105
Trichlorofluoromethane	1.2
Isopropanol	3.24
Carbon disulfide	1.82
2-Butanone	6.43
Chloroform	133
Tetrahydrofuran	5.22
n-Hexane	3.48
1,1,1-Trichloroethane	1.37
Benzene	2.58
Carbon tetrachloride	2.07
Cyclohexane	1.1
Bromodichloromethane	1.45
Trichloroethene	12.6
2,2,4-Trimethylpentane	1.02
Heptane	2.7
Toluene	15.4
Tetrachloroethene	134
Ethylbenzene	3.65
p/m-Xylene	11.6
o-Xylene	3.71
1,2,4-Trimethylbenzene	4.53

LOCATION	SG-3 (20-21')
SAMPLING DATE	1/8/2020
LAB SAMPLE ID	L2000840-02
Volatile Organics in Air	Result
Dichlorodifluoromethane	2.13
1,3-Butadiene	5.75
Acetone	76.7
Isopropanol	2.14
Carbon disulfide	10.3
2-Butanone	4.6
cis-1,2-Dichloroethene	1.8
Chloroform	58.6
Tetrahydrofuran	5.99
n-Hexane	6.45
1,1,1-Trichloroethane	3.13
Benzene	6.01
Carbon tetrachloride	2.56
Cyclohexane	1.42
Trichloroethene	23.8
Heptane	3.78
Toluene	15.9
Tetrachloroethene	182
Ethylbenzene	3.25
p/m-Xylene	11.4
o-Xylene	3.51
1,2,4-Trimethylbenzene	4

LOCATION	SV-2
SAMPLING DATE	6/15/2021
LAB SAMPLE ID	L2133448-02
Volatile Organics in Air	ug/m3
Dichlorodifluoromethane	1.9
Chloromethane	0.415
1,3-Butadiene	1.84
Ethanol	146
Acetone	70.3
Trichlorofluoromethane	70.3
Isopropanol	3.29
Tertiary butyl Alcohol	72.1
Carbon disulfide	1.46
2-Butanone	9.2
Chloroform	227
Tetrahydrofuran	2.91
n-Hexane	78.2
1,1,1-Trichloroethane	1.21
Benzene	5.65
Cyclohexane	5.13
Trichloroethene	5.54
Heptane	13.3
4-Methyl-2-pentanone	2.96
Toluene	12.2
Tetrachloroethene	119
Ethylbenzene	3.51
p/m-Xylene	8.43
1,3,5-Trimethylbenzene	1.44
1,2,4-Trimethylbenzene	6.54
1,3-Dichlorobenzene	14.3

LOCATION	SG-1 (20-21')
SAMPLING DATE	1/9/2020
LAB SAMPLE ID	L2001065-01
Volatile Organics in Air	ug/m3
Dichlorodifluoromethane	2.38
1,3-Butadiene	1.72
Acetone	94.8
Trichlorofluoromethane	1.43
Carbon disulfide	2.11
2-Butanone	2.88
Chloroform	33.2
Tetrahydrofuran	2.85
n-Hexane	3.7
Benzene	2.3
Cyclohexane	0.812
Trichloroethene	9.46
Heptane	2.25
Toluene	10.2
Tetrachloroethene	113
Ethylbenzene	2.02
p/m-Xylene	6.73
o-Xylene	1.95
1,2,4-Trimethylbenzene	1.47



LEGEND:

- SITE BOUNDARY
- SOIL VAPOR IMPLANT LOCATION
- ND — INDICATES COMPOUND ANALYZED FOR BUT NOT DETECTED
- BOLD — COMPOUND DETECTED IN SAMPLE
- ug/m3 — MICROGRAM PER CUBIC METER OR AIR

NOTES:

1. BASE MAP DEVELOPED FROM 2019 GOOGLE EARTH PROFESSIONAL WITH AN IMAGERY DATE OF 6/15/2018.

N W E S

0 20' 40' 80'

SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

205 PARK AVENUE
BROOKLYN, NEW YORK

SOIL GAS ANALYTICAL RESULTS SUMMARY

PREPARED BY:
GZA GeoEnvironmental of NY
Engineers and Scientists
www.gza.com

PREPARED FOR:
462 LEXINGTON, LLC.

PROJ MGR: ZS	REVIEWED BY: ZS	CHECKED BY: DW	FIGURE 6
DESIGNED BY: ZS	DRAWN BY: MT	SCALE: 1" = 40'	
DATE: JULY 2021	PROJECT NO. 12.0076834.10	REVISION NO.	SHEET NO.

LEGEND:

- SITE BOUNDARY
- PERMANENT WELL LOCATIONS
- 4.46 GROUNDWATER CONTOUR
- (4.53) GROUNDWATER ELEVATION
- GROUNDWATER FLOW DIRECTION

NOTES:

1. BASE MAP DEVELOPED FROM 2019 GOOGLE EARTH PROFESSIONAL WITH AN IMAGERY DATE OF 6/15/2018.
2. GROUNDWATER MEASUREMENTS WERE COLLECTED ON JULY 2, 2021 BY GZA. NOTE THAT GROUNDWATER LEVELS WILL CHANGE BY TIME, WEATHER, ETC.

N W E S

0 20' 40' 80'

SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

205 PARK AVENUE
BROOKLYN, NEW YORK

GROUNDWATER CONTOUR MAP

PREPARED BY: GZA GeoEnvironmental of NY Engineers and Scientists www.gza.com		PREPARED FOR: 462 LEXINGTON, LLC.	
PROJ MGR: ZS	REVIEWED BY: ZS	CHECKED BY: DW	FIGURE 7
DESIGNED BY: ZS	DRAWN BY: MT	SCALE: 1" = 40'	
DATE: JULY 2021	PROJECT NO. 12.0076834.10	REVISION NO.	SHEET NO.

TABLES

Table 1: Soil Boring Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

SAMPLE ID	NYS Part 375 Restricted-Residential	NYS Part 375 Unrestricted	SB-1 (6.5-7')		SB-1 (15.5-16')		SB-2 (3.5-4')		SB-2 (16-16.5')		SB-3 (7-7.5')		SB-3 (15-15.5')		SB-4 (3-3.5')		SB-4 (15-15.5')		SB-5 (5.5-6')	
SAMPLING DATE			1/6/2020		1/6/2020		1/7/2020		1/7/2020		1/7/2020		1/7/2020		1/6/2020		1/6/2020		1/6/2020	
LAB SAMPLE ID			L2000463-01		L2000463-02		L2000632-01		L2000632-02		L2000632-03		L2000632-04		L2000463-03		L2000463-04		L2000463-05	
SAMPLE TYPE			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft bgs)			6.5-7		15.5-16		3.5-4		16-16.5		7-7.5		15-15.5		3-3.5		15-15.5		5.5-6	
			Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
General Chemistry																				
Solids, Total	-	-	**93.7**		**96.6**		**91.3**		**94.3**		**92.5**		**92.3**		**91.6**		**95**		**93.3**	
Volatile Organics by EPA 5035 (mg/kg)																				
Methylene chloride	100	0.05	0.005	U	0.005	U	0.0046	U	0.0052	U	0.0042	U	0.0046	U	0.0042	U	0.0045	U	0.0047	U
1,1-Dichloroethane	26	0.27	0.001	U	0.001	U	0.00091	U	0.001	U	0.00084	U	0.00092	U	0.00085	U	0.0009	U	0.00094	U
Chloroform	49	0.37	0.0015	U	0.0015	U	0.0014	U	0.0016	U	0.0013	U	0.0014	U	0.0013	U	0.0013	U	0.0014	U
Carbon tetrachloride	2.4	0.76	0.001	U	0.001	U	0.00091	U	0.001	U	0.00084	U	0.00092	U	0.00085	U	0.0009	U	0.00094	U
1,2-Dichloropropane	-	-	0.001	U	0.001	U	0.00091	U	0.001	U	0.00084	U	0.00092	U	0.00085	U	0.0009	U	0.00094	U
Dibromochloromethane	-	-	0.001	U	0.001	U	0.00091	U	0.001	U	0.00084	U	0.00092	U	0.00085	U	0.0009	U	0.00094	U
1,1,2-Trichloroethane	-	-	0.001	U	0.001	U	0.00091	U	0.001	U	0.00084	U	0.00092	U	0.00085	U	0.0009	U	0.00094	U
Tetrachloroethene	19	1.3	0.0005	U	**0.00036**	**J**	0.00046	U	0.00052	U	0.00042	U	0.00046	U	0.00042	U	0.00045	U	0.00047	U
Chlorobenzene	100	1.1	0.0005	U	0.0005	U	0.00046	U	0.00052	U	0.00042	U	0.00046	U	0.00042	U	0.00045	U	0.00047	U
Trichlorofluoromethane	-	-	0.004	U	0.004	U	0.0036	U	0.0042	U	0.0034	U	0.0037	U	0.0034	U	0.0036	U	0.0038	U
1,2-Dichloroethane	3.1	0.02	0.001	U	0.001	U	0.00091	U	0.001	U	0.00084	U	0.00092	U	0.00085	U	0.0009	U	0.00094	U
1,1,1-Trichloroethane	100	0.68	0.0005	U	0.0005	U	0.00046	U	0.00052	U	0.00042	U	0.00046	U	0.00042	U	0.00045	U	0.00047	U
Bromodichloromethane	-	-	0.0005	U	0.0005	U	0.00046	U	0.00052	U	0.00042	U	0.00046	U	0.00042	U	0.00045	U	0.00047	U
trans-1,3-Dichloropropene	-	-	0.001	U	0.001	U	0.00091	U	0.001	U	0.00084	U	0.00092	U	0.00085	U	0.0009	U	0.00094	U
cis-1,3-Dichloropropene	-	-	0.0005	U	0.0005	U	0.00046	U	0.00052	U	0.00042	U	0.00046	U	0.00042	U	0.00045	U	0.00047	U
1,3-Dichloropropene, Total	-	-	0.0005	U	0.0005	U	0.00046	U	0.00052	U	0.00042	U	0.00046	U	0.00042	U	0.00045	U	0.00047	U
1,1-Dichloropropene	-	-	0.0005	U	0.0005	U	0.00046	U	0.00052	U	0.00042	U	0.00046	U	0.00042	U	0.00045	U	0.00047	U
Bromoform	-	-	0.004	U	0.004	U	0.0036	U	0.0042	U	0.0034	U	0.0037	U	0.0034	U	0.0036	U	0.0038	U
1,1,2,2-Tetrachloroethane	-	-	0.0005	U	0.0005	U	0.00046	U	0.00052	U	0.00042	U	0.00046	U	0.00042	U	0.00045	U	0.00047	U
Benzene	4.8	0.06	0.0005	U	**0.00018**	**J**	0.00046	U	0.00052	U	0.00042	U	0.00046	U	0.00042	U	0.00045	U	0.00047	U
Toluene	100	0.7	0.001	U	0.001	U	0.00091	U	0.001	U	0.00084	U	0.00092	U	0.00085	U	0.0009	U	0.00094	U
Ethylbenzene	41	1	0.001	U	**0.00068**	**J**	0.00091	U	0.001	U	0.00084	U	0.00092	U	0.00085	U	0.0009	U	0.00094	U
Chloromethane	-	-	0.004	U	0.004	U	0.0036	U	0.0042	U	0.0034	U	0.0037	U	0.0034	U	0.0036	U	0.0038	U
Bromomethane	-	-	0.002	U	0.002	U	0.0018	U	0.0021	U	0.0017	U	0.0018	U	0.0017	U	0.0018	U	0.0019	U
Vinyl chloride	0.9	0.02	0.001	U	0.001	U	0.00091	U	0.001	U	0.00084	U	0.00092	U	0.00085	U	0.0009	U	0.00094	U
Chloroethane	-	-	0.002	U	0.002	U	0.0018	U	0.0021	U	0.0017	U	0.0018	U	0.0017	U	0.0018	U	0.0019	U
1,1-Dichloroethene	100	0.33	0.001	U	0.001	U	0.00091	U	0.001	U	0.00084	U	0.00092	U	0.00085	U	0.0009	U	0.00094	U
trans-1,2-Dichloroethene	100	0.19	0.0015	U	0.0015	U	0.0014	U	0.0016	U	0.0013	U	0.0014	U	0.0013	U	0.0013	U	0.0014	U
Trichloroethene	21	0.47	0.0005	U	0.0005	U	0.00046	U	0.00052	U	0.00042	U	0.00046	U	0.00042	U	0.00045	U	0.00047	U
1,2-Dichlorobenzene	100	1.1	0.002	U	0.002	U	0.0018	U	0.0021	U	0.0017	U	0.0018	U	0.0017	U	0.0018	U	0.0019	U
1,3-Dichlorobenzene	49	2.4	0.002	U	0.002	U	0.0018	U	0.0021	U	0.0017	U	0.0018	U	0.0017	U	0.0018	U	0.0019	U
1,4-Dichlorobenzene	13	1.8	0.002	U	0.002	U	0.0018	U	0.0021	U	0.0017	U	0.00018	J	0.0017	U	0.0018	U	0.0019	U
Methyl tert butyl ether	100	0.93	0.002	U	0.002	U	0.0018	U	0.0021	U	0.0017	U	0.0018	U	0.0017	U	0.0018	U	0.0019	U
p/m-Xylene	-	-	0.002	U	**0.0018**	**J**	0.0018	U	0.0021	U	0.0017	U	0.0018	U	0.0017	U	0.0018	U	0.0019	U
o-Xylene	-	-	0.001	U	**0.00056**	**J**	0.00091	U	0.001	U	0.00084	U	0.00092	U	0.00085	U	0.0009	U	0.00094	U
Xylenes, Total	100	0.26	0.001	U	**0.0024**	**J**	0.00091	U	0.001	U	0.00084	U	0.00092	U	0.00085	U	0.0009	U	0.00094	U
cis-1,2-Dichloroethene	100	0.25	0.001	U	0.001	U	0.00091	U	0.001	U	0.00084	U	0.00092	U	0.00085	U	0.0009	U	0.00094	U
1,2-Dichloroethene, Total	-	-	0.001	U	0.001	U	0.00091	U	0.001	U	0.00084	U	0.00092	U	0.00085	U	0.0009	U	0.00094	U
Dibromomethane	-	-	0.002	U	0.002	U	0.0018	U	0.0021	U	0.0017	U	0.0018	U	0.0017	U	0.0018	U	0.0019	U
Styrene	-	-	0.001	U	0.001	U	0.00091	U	0.001	U	0.00084	U	0.00092	U	0.00085	U	0.0009	U	0.00094	U
Dichlorodifluoromethane	-	-	0.01	U	0.01	U	0.0091	U	0.01	U	0.0084	U	0.0092	U	0.0085	U	0.009	U	0.0094	U
Acetone	100	0.05	0.01	U	**0.014**		0.0091	U	0.01	U	0.0084	U	0.005	J	0.0085	U	0.009	U	0.0094	U
Carbon disulfide	-	-	0.01	U	0.01	U	0.0091	U	0.01	U	0.0084	U	0.0092	U	0.0085	U	0.009	U	0.0094	U
2-Butanone	100	0.12	0.01	U	**0.0023**	**J**	0.0091	U	0.01	U	0.0084	U	0.0092	U	0.0085	U	0.009	U	0.0094	U
Vinyl acetate	-	-	0.01	U	0.01	U	0.0091	U	0.01	U	0.0084	U	0.0092	U	0.0085	U	0.009	U	0.0094	U
4-Methyl-2-pentanone	-	-	0.01	U	0.01	U	0.0091	U	0.01	U	0.0084	U	0.0092	U	0.0085	U	0.009	U	0.0094	U
1,2,3-Trichloropropane	-	-	0.002	U	0.002	U	0.0018	U	0.0021	U	0.0017	U	0.0018	U	0.0017	U	0.0018	U	0.0019	U
2-Hexanone	-	-	0.01	U	0.01	U	0.0091	U	0.01	U	0.0084	U	0.0092	U	0.0085	U	0.009	U	0.0094	U
Bromochloromethane	-	-	0.002	U	0.002	U	0.0018	U	0.0021	U	0.0017	U	0.0018	U	0.0017	U	0.0018	U	0.0019	U
2,2-Dichloropropane	-	-	0.002	U	0.002	U	0.0018	U	0.0021	U	0.0017	U	0.0018	U	0.0017	U	0.0018	U	0.0019	U
1,2-Dibromoethane	-	-	0.001	U	0.001	U	0.00091	U	0.001	U	0.00084	U	0.00092	U	0.00085	U	0.0009	U	0.00094	U
1,3-Dichloropropane	-	-	0.002	U	0.002	U	0.0018	U	0.0021	U	0.0017	U	0.0018	U	0.0017	U	0.0018	U	0.0019	U
1,1,1,2-Tetrachloroethane	-	-	0.0005	U	0.0005	U	0.00046	U	0.00052	U	0.00042	U	0.00046	U	0.00042	U	0.00045	U	0.00047	U
Bromobenzene	-	-	0.002	U	0.002	U	0.0018	U	0.0021	U	0.0017	U	0.0018	U	0.0017	U	0.0018	U	0.0019	U
n-Butylbenzene	100	12	0.001	U	**0.00024**	**J**	0.00091	U	0.001	U	0.00084	U	0.00092	U	0.00085	U	0.0009	U	0.00094	U
sec-Butylbenzene	100	11	0.001	U	0.001	U	0.00091	U	0.001	U	0.00084	U	0.00092	U	0.00085	U	0.0009	U	0.00094	U
tert-Butylbenzene	100	5.9	0.002	U	0.002	U	0.0018	U	0.0021	U	0.0017	U	0.0018	U	0.0017	U	0.0018	U	0.0019	U
o-Chlorotoluene	-	-	0.002	U	0.002	U	0.0018	U	0.0021	U	0.0017	U	0.0018	U	0.0017	U	0.0018	U	0.0019	U
p-Chlorotoluene	-	-	0.002	U	0.002	U	0.0018	U	0.0021	U	0.0017	U	0.0018	U	0.0017	U	0.0018	U	0.0019	U

Table 1: Soil Boring Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

SAMPLE ID	NYS Part 375 Restricted-Residential	NYS Part 375 Unrestricted	SB-1 (6.5-7')		SB-1 (15.5-16')		SB-2 (3.5-4')		SB-2 (16-16.5')		SB-3 (7-7.5')		SB-3 (15-15.5')		SB-4 (3-3.5')		SB-4 (15-15.5')		SB-5 (5.5-6')	
SAMPLING DATE			1/6/2020		1/6/2020		1/7/2020		1/7/2020		1/7/2020		1/7/2020		1/6/2020		1/6/2020		1/6/2020	
LAB SAMPLE ID			L2000463-01		L2000463-02		L2000632-01		L2000632-02		L2000632-03		L2000632-04		L2000463-03		L2000463-04		L2000463-05	
SAMPLE TYPE			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft bgs)			6.5-7		15.5-16		3.5-4		16-16.5		7-7.5		15-15.5		3-3.5		15-15.5		5.5-6	
			Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
1,2-Dibromo-3-chloropropane	-	-	0.003	U	0.003	U	0.0027	U	0.0031	U	0.0025	U	0.0027	U	0.0026	U	0.0027	U	0.0028	U
Hexachlorobutadiene	-	-	0.004	U	0.004	U	0.0036	U	0.0042	U	0.0034	U	0.0037	U	0.0034	U	0.0036	U	0.0038	U
Isopropylbenzene	-	-	0.001	U	0.001	U	0.00091	U	0.001	U	0.00084	U	0.00092	U	0.00085	U	0.0009	U	0.00094	U
p-Isopropyltoluene	-	-	0.001	U	0.001	U	0.00091	U	0.001	U	0.00084	U	0.00092	U	0.00085	U	0.0009	U	0.00094	U
Naphthalene	100	12	0.004	U	**0.0042**		0.0036	U	0.0042	U	0.0034	U	0.0037	U	0.0034	U	0.0036	U	0.0038	U
Acrylonitrile	-	-	0.004	U	0.004	U	0.0036	U	0.0042	U	0.0034	U	0.0037	U	0.0034	U	0.0036	U	0.0038	U
n-Propylbenzene	100	3.9	0.001	U	**0.00025**	**J**	0.00091	U	0.001	U	0.00084	U	0.00092	U	0.00085	U	0.0009	U	0.00094	U
1,2,3-Trichlorobenzene	-	-	0.002	U	0.002	U	0.0018	U	0.0021	U	0.0017	U	0.0018	U	0.0017	U	0.0018	U	0.0019	U
1,2,4-Trichlorobenzene	-	-	0.002	U	0.002	U	0.0018	U	0.0021	U	0.0017	U	0.0018	U	0.0017	U	0.0018	U	0.0019	U
1,3,5-Trimethylbenzene	52	8.4	0.002	U	**0.00024**	**J**	0.0018	U	0.0021	U	0.0017	U	0.0018	U	0.0017	U	0.0018	U	0.0019	U
1,2,4-Trimethylbenzene	52	3.6	0.002	U	**0.0014**	**J**	0.0018	U	0.0021	U	0.0017	U	0.0018	U	0.0017	U	0.0018	U	0.0019	U
1,4-Dioxane	13	0.1	0.08	U	0.081	U	0.073	U	0.084	U	0.067	U	0.073	U	0.068	U	0.072	U	0.075	U
p-Diethylbenzene	-	-	0.002	U	**0.00072**	**J**	0.0018	U	0.0021	U	0.0017	U	0.0018	U	0.0017	U	0.0018	U	0.0019	U
p-Ethyltoluene	-	-	0.002	U	**0.00058**	**J**	0.0018	U	0.0021	U	0.0017	U	0.0018	U	0.0017	U	0.0018	U	0.0019	U
1,2,4,5-Tetramethylbenzene	-	-	0.002	U	**0.00051**	**J**	0.0018	U	0.0021	U	0.0017	U	0.0018	U	0.0017	U	0.0018	U	0.0019	U
Ethyl ether	-	-	0.002	U	0.002	U	0.0018	U	0.0021	U	0.0017	U	0.0018	U	0.0017	U	0.0018	U	0.0019	U
trans-1,4-Dichloro-2-butene	-	-	0.005	U	0.005	U	0.0046	U	0.0052	U	0.0042	U	0.0046	U	0.0042	U	0.0045	U	0.0047	U
Semivolatile Organics by GC/MS (mg/kg)																				
Acenaphthene	100	20	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
1,2,4-Trichlorobenzene	-	-	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
Hexachlorobenzene	1.2	0.33	0.1	U	0.1	U	0.11	U	0.1	U	0.11	U	0.11	U	0.11	U	0.1	U	0.1	U
Bis(2-chloroethyl)ether	-	-	0.16	U	0.15	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.15	U	0.16	U
2-Chloronaphthalene	-	-	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
1,2-Dichlorobenzene	100	1.1	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
1,3-Dichlorobenzene	49	2.4	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
1,4-Dichlorobenzene	13	1.8	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
3,3'-Dichlorobenzidine	-	-	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
2,4-Dinitrotoluene	-	-	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
2,6-Dinitrotoluene	-	-	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
Fluoranthene	100	100	0.1	U	**0.19**		0.11	U	0.1	U	0.11	U	0.11	U	0.11	U	0.1	U	0.1	U
4-Chlorophenyl phenyl ether	-	-	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
4-Bromophenyl phenyl ether	-	-	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
Bis(2-chloroisopropyl)ether	-	-	0.21	U	0.2	U	0.22	U	0.21	U	0.21	U	0.21	U	0.22	U	0.21	U	0.21	U
Bis(2-chloroethoxy)methane	-	-	0.19	U	0.18	U	0.2	U	0.19	U	0.19	U	0.19	U	0.2	U	0.18	U	0.19	U
Hexachlorobutadiene	-	-	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
Hexachlorocyclopentadiene	-	-	0.5	U	0.49	U	0.52	U	0.5	U	0.51	U	0.51	U	0.52	U	0.49	U	0.5	U
Hexachloroethane	-	-	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
Isophorone	-	-	0.16	U	0.15	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.15	U	0.16	U
Naphthalene	100	12	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
Nitrobenzene	-	-	0.16	U	0.15	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.15	U	0.16	U
NDPA/DPA	-	-	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
n-Nitrosodi-n-propylamine	-	-	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
Bis(2-ethylhexyl)phthalate	-	-	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
Butyl benzyl phthalate	-	-	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
Di-n-butylphthalate	-	-	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
Di-n-octylphthalate	-	-	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
Diethyl phthalate	-	-	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
Dimethyl phthalate	-	-	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
Benzo(a)anthracene	1	1	0.1	U	**0.072**	**J**	0.11	U	0.1	U	0.11	U	0.11	U	0.11	U	0.1	U	0.1	U
Benzo(a)pyrene	1	1	0.14	U	**0.069**	**J**	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
Benzo(b)fluoranthene	1	1	0.1	U	**0.094**	**J**	0.11	U	0.1	U	0.11	U	0.11	U	0.11	U	0.1	U	0.1	U
Benzo(k)fluoranthene	3.9	0.8	0.1	U	**0.041**	**J**	0.11	U	0.1	U	0.11	U	0.11	U	0.11	U	0.1	U	0.1	U
Chrysene	3.9	1	0.1	U	**0.072**	**J**	0.11	U	0.1	U	0.11	U	0.11	U	0.11	U	0.1	U	0.1	U
Acenaphthylene	100	100	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
Anthracene	100	100	0.1	U	**0.039**	**J**	0.11	U	0.1	U	0.11	U	0.11	U	0.11	U	0.1	U	0.1	U
Benzo(ghi)perylene	100	100	0.14	U	**0.049**	**J**	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
Fluorene	100	30	0.18	U	**0.016**	**J**	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
Phenanthrene	100	100	0.1	U	**0.18**		0.11	U	0.1	U	0.11	U	0.11	U	0.11	U	0.1	U	0.1	U
Dibenzo(a,h)anthracene	0.33	0.33	0.1	U	0.1	U	0.11	U	0.1	U	0.11	U	0.11	U	0.11	U	0.1	U	0.1	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.14	U	**0.05**	**J**	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
Pyrene	100	100	0.1	U	**0.16**		0.11	U	0.1	U	0.11	U	0.11	U	0.11	U	0.1	U	0.1	U
Biphenyl	-	-	0.4	U	0.39	U	0.42	U	0.4	U	0.4	U	0.4	U	0.41	U	0.39	U	0.4	U
4-Chloroaniline	-	-	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
2-Nitroaniline	-	-	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U

Table 1: Soil Boring Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

SAMPLE ID	NYS Part 375 Restricted-Residential	NYS Part 375 Unrestricted	SB-1 (6.5-7')		SB-1 (15.5-16')		SB-2 (3.5-4')		SB-2 (16-16.5')		SB-3 (7-7.5')		SB-3 (15-15.5')		SB-4 (3-3.5')		SB-4 (15-15.5')		SB-5 (5.5-6')	
SAMPLING DATE			1/6/2020		1/6/2020		1/7/2020		1/7/2020		1/7/2020		1/7/2020		1/6/2020		1/6/2020		1/6/2020	
LAB SAMPLE ID			L2000463-01		L2000463-02		L2000632-01		L2000632-02		L2000632-03		L2000632-04		L2000463-03		L2000463-04		L2000463-05	
SAMPLE TYPE			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft bgs)			6.5-7		15.5-16		3.5-4		16-16.5		7-7.5		15-15.5		3-3.5		15-15.5		5.5-6	
			Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
3-Nitroaniline	-	-	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
4-Nitroaniline	-	-	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
Dibenzofuran	59	7	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
1-Methylnaphthalene	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-Methylnaphthalene	-	-	0.21	U	0.2	U	0.22	U	0.21	U	0.21	U	0.21	U	0.22	U	0.21	U	0.21	U
1,2,4,5-Tetrachlorobenzene	-	-	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
Acetophenone	-	-	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
2,4,6-Trichlorophenol	-	-	0.1	U	0.1	U	0.11	U	0.1	U	0.11	U	0.11	U	0.11	U	0.1	U	0.1	U
p-Chloro-m-cresol	-	-	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
2-Chlorophenol	-	-	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
2,4-Dichlorophenol	-	-	0.16	U	0.15	U	0.16	U	0.16	U	0.16	U	0.16	U	0.16	U	0.15	U	0.16	U
2,4-Dimethylphenol	-	-	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
2-Nitrophenol	-	-	0.38	U	0.37	U	0.39	U	0.38	U	0.38	U	0.38	U	0.39	U	0.37	U	0.38	U
4-Nitrophenol	-	-	0.24	U	0.24	U	0.25	U	0.25	U	0.25	U	0.25	U	0.25	U	0.24	U	0.24	U
2,4-Dinitrophenol	-	-	0.84	U	0.82	U	0.87	U	0.84	U	0.85	U	0.85	U	0.87	U	0.83	U	0.84	U
4,6-Dinitro-o-cresol	-	-	0.46	U	0.44	U	0.47	U	0.46	U	0.46	U	0.46	U	0.47	U	0.45	U	0.45	U
Pentachlorophenol	6.7	0.8	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
Phenol	100	0.33	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
2-Methylphenol	100	0.33	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
3-Methylphenol/4-Methylphenol	100	0.33	0.25	U	0.24	U	0.26	U	0.25	U	0.26	U	0.26	U	0.26	U	0.25	U	0.25	U
2,4,5-Trichlorophenol	-	-	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
Benzoic Acid	-	-	0.57	U	0.55	U	0.59	U	0.57	U	0.58	U	0.57	U	0.59	U	0.56	U	0.56	U
Benzyl Alcohol	-	-	0.18	U	0.17	U	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
Carbazole	-	-	0.18	U	**0.016**	**J**	0.18	U	0.18	U	0.18	U	0.18	U	0.18	U	0.17	U	0.17	U
1,4-Dioxane	13	0.1	0.026	U	0.026	U	0.027	U	0.026	U	0.027	U	0.026	U	0.027	U	0.026	U	0.026	U
Organochlorine Pesticides by GC																				
Delta-BHC	100	0.04	0.0017	U	0.00164	U	0.0017	U	0.00169	U	0.00173	U	0.00166	U	0.00167	U	0.00166	U	0.00168	U
Lindane	1.3	0.1	0.000706	U	0.000684	U	0.000708	U	0.000705	U	0.000719	U	0.000693	U	0.000696	U	0.000693	U	0.000701	U
Alpha-BHC	0.48	0.02	0.000706	U	0.000684	U	0.000708	U	0.000705	U	0.000719	U	0.000693	U	0.000696	U	0.000693	U	0.000701	U
Beta-BHC	0.36	0.036	0.0017	U	0.00164	U	0.0017	U	0.00169	U	0.00173	U	0.00166	U	0.00167	U	0.00166	U	0.00168	U
Heptachlor	2.1	0.042	0.000848	U	0.00082	U	0.000849	U	0.000846	U	0.000863	U	0.000832	U	0.000835	U	0.000832	U	0.000841	U
Aldrin	0.097	0.005	0.0017	U	0.00164	U	0.0017	U	0.00169	U	0.00173	U	0.00166	U	0.00167	U	0.00166	U	0.00168	U
Heptachlor epoxide	-	-	0.00318	U	0.00308	U	0.00318	U	0.00317	U	0.00324	U	0.00312	U	0.00313	U	0.00312	U	0.00315	U
Endrin	11	0.014	0.000706	U	0.000684	U	0.000708	U	0.000705	U	0.000719	U	0.000693	U	0.000696	U	0.000693	U	0.000701	U
Endrin aldehyde	-	-	0.00212	U	0.00205	U	0.00212	U	0.00211	U	0.00216	U	0.00208	U	0.00209	U	0.00208	U	0.0021	U
Endrin ketone	-	-	0.0017	U	0.00164	U	0.0017	U	0.00169	U	0.00173	U	0.00166	U	0.00167	U	0.00166	U	0.00168	U
Dieldrin	0.2	0.005	0.00106	U	0.00102	U	0.00106	U	0.00106	U	0.00108	U	0.00104	U	0.00104	U	0.00104	U	0.00105	U
4,4'-DDE	8.9	0.0033	0.0017	U	0.00164	U	0.0017	U	0.00169	U	0.00173	U	0.00166	U	0.00167	U	0.00166	U	0.00168	U
4,4'-DDD	13	0.0033	0.0017	U	0.00164	U	0.0017	U	0.00169	U	0.00173	U	0.00166	U	0.00167	U	0.00166	U	0.00168	U
4,4'-DDT	7.9	0.0033	0.00318	U	0.00308	U	0.00318	U	0.00317	U	0.00324	U	0.00312	U	0.00313	U	0.00312	U	0.00315	U
Endosulfan I	24	2.4	0.0017	U	0.00164	U	0.0017	U	0.00169	U	0.00173	U	0.00166	U	0.00167	U	0.00166	U	0.00168	U
Endosulfan II	24	2.4	0.0017	U	0.00164	U	0.0017	U	0.00169	U	0.00173	U	0.00166	U	0.00167	U	0.00166	U	0.00168	U
Endosulfan sulfate	24	2.4	0.000706	U	0.000684	U	0.000708	U	0.000705	U	0.000719	U	0.000693	U	0.000696	U	0.000693	U	0.000701	U
Methoxychlor	-	-	0.00318	U	0.00308	U	0.00318	U	0.00317	U	0.00324	U	0.00312	U	0.00313	U	0.00312	U	0.00315	U
Toxaphene	-	-	0.0318	U	0.0308	U	0.0318	U	0.0317	U	0.0324	U	0.0312	U	0.0313	U	0.0312	U	0.0315	U
cis-Chlordane	4.2	0.094	0.00212	U	0.00205	U	0.00212	U	0.00211	U	0.00216	U	0.00208	U	0.00209	U	0.00208	U	0.0021	U
trans-Chlordane	-	-	0.00212	U	0.00205	U	0.00212	U	0.00211	U	0.00216	U	0.00208	U	0.00209	U	0.00208	U	0.0021	U
Chlordane	-	-	0.0138	U	0.0133	U	0.0138	U	0.0137	U	0.014	U	0.0135	U	0.0136	U	0.0135	U	0.0137	U
Perfluorinated Alkyl Acids by Isotope Dilution (mg/kg)																				
Perfluorobutanoic Acid (PFBA)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluoropentanoic Acid (PFPeA)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorobutanesulfonic Acid (PFBS)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorohexanoic Acid (PFHxA)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluoroheptanoic Acid (PFHpA)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorohexanesulfonic Acid (PFHxS)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorooctanoic Acid (PFOA)	0.33	0.00066	NA		NA		NA		NA		NA		NA		NA		NA		NA	
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluoroheptanesulfonic Acid (PFHpS)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorononanoic Acid (PFNA)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorooctanesulfonic Acid (PFOS)	0.44	0.00088	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorodecanoic Acid (PFDA)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluoroundecanoic Acid (PFUnA)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	

Table 1: Soil Boring Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

SAMPLE ID	NYS Part 375 Restricted-Residential	NYS Part 375 Unrestricted	SB-1 (6.5-7')		SB-1 (15.5-16')		SB-2 (3.5-4')		SB-2 (16-16.5')		SB-3 (7-7.5')		SB-3 (15-15.5')		SB-4 (3-3.5')		SB-4 (15-15.5')		SB-5 (5.5-6')	
SAMPLING DATE			1/6/2020		1/6/2020		1/7/2020		1/7/2020		1/7/2020		1/7/2020		1/6/2020		1/6/2020		1/6/2020	
LAB SAMPLE ID			L2000463-01		L2000463-02		L2000632-01		L2000632-02		L2000632-03		L2000632-04		L2000463-03		L2000463-04		L2000463-05	
SAMPLE TYPE			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft bgs)			6.5-7		15.5-16		3.5-4		16-16.5		7-7.5		15-15.5		3-3.5		15-15.5		5.5-6	
			Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Perfluorodecanesulfonic Acid (PFDS)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorooctanesulfonamide (FOSA)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorododecanoic Acid (PFDoA)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorotridecanoic Acid (PFTrDA)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorotetradecanoic Acid (PFTA)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
PFOA/PFOS, Total	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Polychlorinated Biphenyls by GC (mg/kg)																				
Aroclor 1016	1	0.1	0.0347	U	0.034	U	0.0349	U	0.0342	U	0.0342	U	0.0359	U	0.0359	U	0.0342	U	0.0349	U
Aroclor 1221	1	0.1	0.0347	U	0.034	U	0.0349	U	0.0342	U	0.0342	U	0.0359	U	0.0359	U	0.0342	U	0.0349	U
Aroclor 1232	1	0.1	0.0347	U	0.034	U	0.0349	U	0.0342	U	0.0342	U	0.0359	U	0.0359	U	0.0342	U	0.0349	U
Aroclor 1242	1	0.1	0.0347	U	0.034	U	0.0349	U	0.0342	U	0.0342	U	0.0359	U	0.0359	U	0.0342	U	0.0349	U
Aroclor 1248	1	0.1	0.0347	U	0.034	U	0.0349	U	0.0342	U	0.0342	U	0.0359	U	0.0359	U	0.0342	U	0.0349	U
Aroclor 1254	1	0.1	0.0347	U	0.034	U	0.0349	U	0.0342	U	0.0342	U	0.0359	U	0.0359	U	0.0342	U	0.0349	U
Aroclor 1260	1	0.1	0.0347	U	0.034	U	0.0349	U	0.0342	U	0.0342	U	0.0359	U	0.0359	U	0.0342	U	0.0349	U
Aroclor 1262	1	0.1	0.0347	U	0.034	U	0.0349	U	0.0342	U	0.0342	U	0.0359	U	0.0359	U	0.0342	U	0.0349	U
Aroclor 1268	1	0.1	0.0347	U	0.034	U	0.0349	U	0.0342	U	0.0342	U	0.0359	U	0.0359	U	0.0342	U	0.0349	U
PCBs, Total	1	0.1	0.0347	U	0.034	U	0.0349	U	0.0342	U	0.0342	U	0.0359	U	0.0359	U	0.0342	U	0.0349	U
Total Metals (mg/kg)																				
Aluminum, Total	-	-	**4000**		**4730**		**5700**		**3760**		**4660**		**3900**		**7740**		**3560**		**5530**	
Antimony, Total	-	-	4.12	U	3.98	U	**0.577**	**J**	4.08	U	4.28	U	**0.415**	**J**	4.18	U	4.02	U	4.25	U
Arsenic, Total	16	13	**6.47**		**2.69**		**3.8**		**1.92**		**1.18**		**1.85**		**2.26**		**1.13**		**1.66**	
Barium, Total	400	350	**26.4**		**33.4**		**22.4**		**15.6**		**28.5**		**24.5**		**26.4**		**30**		**21.1**	
Beryllium, Total	72	7.2	**0.157**	**J**	**0.159**	**J**	**0.284**	**J**	**0.196**	**J**	**0.197**	**J**	**0.156**	**J**	**0.301**	**J**	**0.137**	**J**	**0.178**	**J**
Cadmium, Total	4.3	2.5	0.825	U	0.796	U	**0.334**	**J**	**0.236**	**J**	**0.308**	**J**	**0.389**	**J**	0.836	U	0.805	U	0.849	U
Calcium, Total	-	-	**1200**		**3800**		**544**		**352**		**600**		**2130**		**653**		**602**		**1490**	
Chromium, Total	-	-	**12.9**		**16.2**		**9.56**		**6.6**		**11.7**		**9.62**		**12.5**		**11.2**		**8.87**	
Cobalt, Total	-	-	**5.44**		**5.31**		**5.15**		**3.52**		**5.35**		**7.3**		**5.37**		**3.36**		**4.7**	
Copper, Total	270	50	**17.4**		**19**		**6.45**		**5.9**		**11.2**		**78.1**		**11.3**		**15.8**		**12.1**	
Iron, Total	-	-	**12200**		**12000**		**13800**		**8180**		**10700**		**13400**		**15100**		**9770**		**9940**	
Lead, Total	400	63	**15.4**		**16.6**		**3.25**	**J**	**1.77**	**J**	**2.6**	**J**	**4.73**		**4.42**		**5.26**		**5.73**	
Magnesium, Total	-	-	**1760**		**2480**		**1410**		**1260**		**1630**		**1750**		**2240**		**1380**		**1950**	
Manganese, Total	2000	1600	**298**		**362**		**196**		**155**		**244**		**276**		**137**		84.3		**226**	
Mercury, Total	0.81	0.18	0.079	U	0.067	U	0.069	U	0.066	U	0.068	U	0.068	U	0.086	U	0.071	U	0.074	U
Nickel, Total	310	30	**12.3**		**14**		**8.3**		**10.7**		**12.3**		**24.6**		**12.5**		**8.79**		**11.2**	
Potassium, Total	-	-	**954**		**1030**		**291**		**234**		**785**		**1040**		**610**		**584**		**598**	
Selenium, Total	180	3.9	**0.297**	**J**	**0.31**	**J**	1.67	U	1.63	U	1.71	U	1.73	U	1.67	U	1.61	U	1.7	U
Silver, Total	180	2	0.825	U	0.796	U	0.836	U	0.816	U	0.855	U	0.864	U	0.836	U	0.805	U	0.849	U
Sodium, Total	-	-	**62.3**	**J**	**107**	**J**	**24**	**J**	**20.6**	**J**	**47.3**	**J**	**161**	**J**	**44.1**	**J**	**98**	**J**	**64.2**	**J**
Thallium, Total	-	-	1.65	U	1.59	U	1.67	U	1.63	U	1.71	U	1.73	U	1.67	U	1.61	U	1.7	U
Vanadium, Total	-	-	**20**		**18.8**		**14.9**		**10.4**		**15.7**		**21.5**		**24.8**		**17.3**		**12.8**	
Zinc, Total	10000	109	**52.3**		**37.7**		**36.8**		**45.3**		**23.4**		**35.3**		**24.5**		**20.8**		**27.4**	

Table 1: Soil Boring Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

SAMPLE ID	NYS Part 375 Restricted-Residential	NYS Part 375 Unrestricted	SB-5 (15.5-16')		SB-6 (5.5-6')		SB-6 (15.5-16')		SB-6 (15.5-16') DUP		SB-7 (6-6.5')		SB-7 (15-15.5')		SB-8 (5.5-6')		SB-8 (15.5-16')		SB-9 (3.5-4')	
SAMPLING DATE			1/6/2020		1/7/2020		1/7/2020		1/7/2020		1/7/2020		1/7/2020		1/6/2020		1/6/2020		1/7/2020	
LAB SAMPLE ID			L2000463-06		L2000632-05		L2000632-06		L2000632-14		L2000632-07		L2000632-08		L2000463-07		L2000463-08		L2000632-09	
SAMPLE TYPE			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft bgs)			15.5-16		5.5-6		15.5-16		15.5-16		6-6.5		15-15.5		5.5-6		15.5-16		3.5-4	
			Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
General Chemistry																				
Solids, Total	-	-	92		92.4		97.2		97		94.8		95.2		91		94.9		92.7	
Volatile Organics by EPA 5035 (mg/kg)																				
Methylene chloride	100	0.05	0.0048	U	0.0041	U	0.0059	U	0.0053	U	0.005	U	0.0048	U	0.0041	U	0.0047	U	0.0048	U
1,1-Dichloroethane	26	0.27	0.00096	U	0.00083	U	0.0012	U	0.001	U	0.00099	U	0.00095	U	0.00083	U	0.00095	U	0.00097	U
Chloroform	49	0.37	0.0014	U	0.0012	U	0.0018	U	0.0016	U	0.0015	U	0.0014	U	0.0012	U	0.0014	U	0.0014	U
Carbon tetrachloride	2.4	0.76	0.00096	U	0.00083	U	0.0012	U	0.001	U	0.00099	U	0.00095	U	0.00083	U	0.00095	U	0.00097	U
1,2-Dichloropropane	-	-	0.00096	U	0.00083	U	0.0012	U	0.001	U	0.00099	U	0.00095	U	0.00083	U	0.00095	U	0.00097	U
Dibromochloromethane	-	-	0.00096	U	0.00083	U	0.0012	U	0.001	U	0.00099	U	0.00095	U	0.00083	U	0.00095	U	0.00097	U
1,1,2-Trichloroethane	-	-	0.00096	U	0.00083	U	0.0012	U	0.001	U	0.00099	U	0.00095	U	0.00083	U	0.00095	U	0.00097	U
Tetrachloroethene	19	1.3	0.00026	J	0.00041	U	0.00059	U	0.00053	U	0.0005	U	0.00028	J	0.00041	U	0.00047	U	0.00048	U
Chlorobenzene	100	1.1	0.00048	U	0.00041	U	0.00059	U	0.00053	U	0.0005	U	0.00048	U	0.00041	U	0.00047	U	0.00048	U
Trichlorofluoromethane	-	-	0.0038	U	0.0033	U	0.0047	U	0.0042	U	0.004	U	0.0038	U	0.0033	U	0.0038	U	0.0039	U
1,2-Dichloroethane	3.1	0.02	0.00096	U	0.00083	U	0.0012	U	0.001	U	0.00099	U	0.00095	U	0.00083	U	0.00095	U	0.00097	U
1,1,1-Trichloroethane	100	0.68	0.00048	U	0.00041	U	0.00059	U	0.00053	U	0.0005	U	0.00048	U	0.00041	U	0.00047	U	0.00048	U
Bromodichloromethane	-	-	0.00048	U	0.00041	U	0.00059	U	0.00053	U	0.0005	U	0.00048	U	0.00041	U	0.00047	U	0.00048	U
trans-1,3-Dichloropropene	-	-	0.00096	U	0.00083	U	0.0012	U	0.001	U	0.00099	U	0.00095	U	0.00083	U	0.00095	U	0.00097	U
cis-1,3-Dichloropropene	-	-	0.00048	U	0.00041	U	0.00059	U	0.00053	U	0.0005	U	0.00048	U	0.00041	U	0.00047	U	0.00048	U
1,3-Dichloropropene, Total	-	-	0.00048	U	0.00041	U	0.00059	U	0.00053	U	0.0005	U	0.00048	U	0.00041	U	0.00047	U	0.00048	U
1,1-Dichloropropene	-	-	0.00048	U	0.00041	U	0.00059	U	0.00053	U	0.0005	U	0.00048	U	0.00041	U	0.00047	U	0.00048	U
Bromoform	-	-	0.0038	U	0.0033	U	0.0047	U	0.0042	U	0.004	U	0.0038	U	0.0033	U	0.0038	U	0.0039	U
1,1,2,2-Tetrachloroethane	-	-	0.00044	J	0.00041	U	0.00059	U	0.00053	U	0.0005	U	0.00048	U	0.00041	U	0.00047	U	0.00048	U
Benzene	4.8	0.06	0.00048	U	0.00041	U	0.00059	U	0.00053	U	0.0005	U	0.00048	U	0.00041	U	0.00047	U	0.00048	U
Toluene	100	0.7	0.00096	U	0.00083	U	0.0012	U	0.001	U	0.00099	U	0.00095	U	0.00083	U	0.00095	U	0.00097	U
Ethylbenzene	41	1	0.00096	U	0.00083	U	0.0012	U	0.001	U	0.00099	U	0.00095	U	0.00083	U	0.00095	U	0.00097	U
Chloromethane	-	-	0.0038	U	0.0033	U	0.0047	U	0.0042	U	0.004	U	0.0038	U	0.0033	U	0.0038	U	0.0039	U
Bromomethane	-	-	0.0019	U	0.0016	U	0.0024	U	0.0021	U	0.002	U	0.0019	U	0.0016	U	0.0019	U	0.0019	U
Vinyl chloride	0.9	0.02	0.00096	U	0.00083	U	0.0012	U	0.001	U	0.00099	U	0.00095	U	0.00083	U	0.00095	U	0.00097	U
Chloroethane	-	-	0.0019	U	0.0016	U	0.0024	U	0.0021	U	0.002	U	0.0019	U	0.0016	U	0.0019	U	0.0019	U
1,1-Dichloroethene	100	0.33	0.00096	U	0.00083	U	0.0012	U	0.001	U	0.00099	U	0.00095	U	0.00083	U	0.00095	U	0.00097	U
trans-1,2-Dichloroethene	100	0.19	0.0014	U	0.0012	U	0.0018	U	0.0016	U	0.0015	U	0.0014	U	0.0012	U	0.0014	U	0.0014	U
Trichloroethene	21	0.47	0.00048	U	0.00041	U	0.00059	U	0.00053	U	0.0005	U	0.00048	U	0.00041	U	0.00047	U	0.00048	U
1,2-Dichlorobenzene	100	1.1	0.0019	U	0.0016	U	0.0024	U	0.0021	U	0.002	U	0.0019	U	0.0016	U	0.0019	U	0.0019	U
1,3-Dichlorobenzene	49	2.4	0.0019	U	0.0016	U	0.0024	U	0.0021	U	0.002	U	0.0019	U	0.0016	U	0.0019	U	0.0019	U
1,4-Dichlorobenzene	13	1.8	0.0019	U	0.0016	U	0.0024	U	0.0021	U	0.002	U	0.0019	U	0.0016	U	0.0019	U	0.0019	U
Methyl tert butyl ether	100	0.93	0.0019	U	0.0016	U	0.0024	U	0.0021	U	0.002	U	0.0019	U	0.0016	U	0.0019	U	0.0019	U
p/m-Xylene	-	-	0.0019	U	0.0016	U	0.0024	U	0.0021	U	0.002	U	0.0019	U	0.0016	U	0.0019	U	0.0019	U
o-Xylene	-	-	0.00096	U	0.00083	U	0.0012	U	0.001	U	0.00099	U	0.00095	U	0.00083	U	0.00095	U	0.00097	U
Xylenes, Total	100	0.26	0.00096	U	0.00083	U	0.0012	U	0.001	U	0.00099	U	0.00095	U	0.00083	U	0.00095	U	0.00097	U
cis-1,2-Dichloroethene	100	0.25	0.00096	U	0.00083	U	0.0012	U	0.001	U	0.00099	U	0.00095	U	0.00083	U	0.00095	U	0.00097	U
1,2-Dichloroethene, Total	-	-	0.00096	U	0.00083	U	0.0012	U	0.001	U	0.00099	U	0.00095	U	0.00083	U	0.00095	U	0.00097	U
Dibromomethane	-	-	0.0019	U	0.0016	U	0.0024	U	0.0021	U	0.002	U	0.0019	U	0.0016	U	0.0019	U	0.0019	U
Styrene	-	-	0.00096	U	0.00083	U	0.0012	U	0.001	U	0.00099	U	0.00095	U	0.00083	U	0.00095	U	0.00097	U
Dichlorodifluoromethane	-	-	0.0096	U	0.0083	U	0.012	U	0.01	U	0.0099	U	0.0095	U	0.0083	U	0.0095	U	0.0097	U
Acetone	100	0.05	0.0096	U	0.0083	U	0.012	U	0.01	U	0.0099	U	0.0095	U	0.0083	U	0.0095	U	0.0097	U
Carbon disulfide	-	-	0.0096	U	0.0083	U	0.012	U	0.01	U	0.0099	U	0.0095	U	0.0083	U	0.0095	U	0.0097	U
2-Butanone	100	0.12	0.0096	U	0.0083	U	0.012	U	0.01	U	0.0099	U	0.0095	U	0.0083	U	0.0095	U	0.0097	U
Vinyl acetate	-	-	0.0096	U	0.0083	U	0.012	U	0.01	U	0.0099	U	0.0095	U	0.0083	U	0.0095	U	0.0097	U
4-Methyl-2-pentanone	-	-	0.0096	U	0.0083	U	0.012	U	0.01	U	0.0099	U	0.0095	U	0.0083	U	0.0095	U	0.0097	U
1,2,3-Trichloropropane	-	-	0.0019	U	0.0016	U	0.0024	U	0.0021	U	0.002	U	0.0019	U	0.0016	U	0.0019	U	0.0019	U
2-Hexanone	-	-	0.0096	U	0.0083	U	0.012	U	0.01	U	0.0099	U	0.0095	U	0.0083	U	0.0095	U	0.0097	U
Bromochloromethane	-	-	0.0019	U	0.0016	U	0.0024	U	0.0021	U	0.002	U	0.0019	U	0.0016	U	0.0019	U	0.0019	U
2,2-Dichloropropane	-	-	0.0019	U	0.0016	U	0.0024	U	0.0021	U	0.002	U	0.0019	U	0.0016	U	0.0019	U	0.0019	U
1,2-Dibromoethane	-	-	0.00096	U	0.00083	U	0.0012	U	0.001	U	0.00099	U	0.00095	U	0.00083	U	0.00095	U	0.00097	U
1,3-Dichloropropane	-	-	0.0019	U	0.0016	U	0.0024	U	0.0021	U	0.002	U	0.0019	U	0.0016	U	0.0019	U	0.0019	U
1,1,1,2-Tetrachloroethane	-	-	0.00048	U	0.00041	U	0.00059	U	0.00053	U	0.0005	U	0.00048	U	0.00041	U	0.00047	U	0.00048	U
Bromobenzene	-	-	0.0019	U	0.0016	U	0.0024	U	0.0021	U	0.002	U	0.0019	U	0.0016	U	0.0019	U	0.0019	U
n-Butylbenzene	100	12	0.00096	U	0.00083	U	0.0012	U	0.001	U	0.00099	U	0.00095	U	0.00083	U	0.00095	U	0.00097	U
sec-Butylbenzene	100	11	**0.00035**	**J**	0.00083	U	0.0012	U	0.001	U	0.00099	U	0.00095	U	0.00083	U	0.00095	U	0.00097	U
tert-Butylbenzene	100	5.9	0.0019	U	0.0016	U	0.0024	U	0.0021	U	0.002	U	0.0019	U	0.0016	U	0.0019	U	0.0019	U
o-Chlorotoluene	-	-	0.0019	U	0.0016	U	0.0024	U	0.0021	U	0.002	U	0.0019	U	0.0016	U	0.0019	U	0.0019	U
p-Chlorotoluene	-	-	0.0019	U	0.0016	U	0.0024	U	0.0021	U	0.002	U	0.0019	U	0.0016	U	0.0019	U	0.0019	U

Table 1: Soil Boring Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

SAMPLE ID	NYS Part 375 Restricted-Residential	NYS Part 375 Unrestricted	SB-5 (15.5-16')		SB-6 (5.5-6')		SB-6 (15.5-16')		SB-6 (15.5-16') DUP		SB-7 (6-6.5')		SB-7 (15-15.5')		SB-8 (5.5-6')		SB-8 (15.5-16')		SB-9 (3.5-4')	
SAMPLING DATE			1/6/2020		1/7/2020		1/7/2020		1/7/2020		1/7/2020		1/7/2020		1/6/2020		1/6/2020		1/7/2020	
LAB SAMPLE ID			L2000463-06		L2000632-05		L2000632-06		L2000632-14		L2000632-07		L2000632-08		L2000463-07		L2000463-08		L2000632-09	
SAMPLE TYPE			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft bgs)			15.5-16		5.5-6		15.5-16		15.5-16		6-6.5		15-15.5		5.5-6		15.5-16		3.5-4	
			Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
1,2-Dibromo-3-chloropropane	-	-	0.0029	U	0.0025	U	0.0035	U	0.0032	U	0.003	U	0.0028	U	0.0025	U	0.0028	U	0.0029	U
Hexachlorobutadiene	-	-	0.0038	U	0.0033	U	0.0047	U	0.0042	U	0.004	U	0.0038	U	0.0033	U	0.0038	U	0.0039	U
Isopropylbenzene	-	-	0.00096	U	0.00083	U	0.0012	U	0.001	U	0.00099	U	0.00095	U	0.00083	U	0.00095	U	0.00097	U
p-Isopropyltoluene	-	-	**0.0064**		0.00083	U	0.0012	U	0.001	U	0.00099	U	0.00095	U	0.00083	U	0.00095	U	0.00097	U
Naphthalene	100	12	0.0038	U	0.0033	U	0.0047	U	0.0042	U	0.004	U	0.0038	U	0.0033	U	0.0038	U	0.0039	U
Acrylonitrile	-	-	0.0038	U	0.0033	U	0.0047	U	0.0042	U	0.004	U	0.0038	U	0.0033	U	0.0038	U	0.0039	U
n-Propylbenzene	100	3.9	0.00096	U	0.00083	U	0.0012	U	0.001	U	0.00099	U	0.00095	U	0.00083	U	0.00095	U	0.00097	U
1,2,3-Trichlorobenzene	-	-	0.0019	U	0.0016	U	0.0024	U	0.0021	U	0.002	U	0.0019	U	0.0016	U	0.0019	U	0.0019	U
1,2,4-Trichlorobenzene	-	-	0.0019	U	0.0016	U	0.0024	U	0.0021	U	0.002	U	0.0019	U	0.0016	U	0.0019	U	0.0019	U
1,3,5-Trimethylbenzene	52	8.4	0.0019	U	0.0016	U	0.0024	U	0.0021	U	0.002	U	0.0019	U	0.0016	U	0.0019	U	0.0019	U
1,2,4-Trimethylbenzene	52	3.6	**0.0032**		0.0016	U	0.0024	U	0.0021	U	0.002	U	0.0019	U	0.0016	U	0.0019	U	0.0019	U
1,4-Dioxane	13	0.1	0.077	U	0.066	U	0.095	U	0.084	U	0.079	U	0.076	U	0.066	U	0.076	U	0.077	U
p-Diethylbenzene	-	-	0.0019	U	0.0016	U	0.0024	U	0.0021	U	0.002	U	0.0019	U	0.0016	U	0.0019	U	0.0019	U
p-Ethyltoluene	-	-	0.0019	U	0.0016	U	0.0024	U	0.0021	U	0.002	U	0.0019	U	0.0016	U	0.0019	U	0.0019	U
1,2,4,5-Tetramethylbenzene	-	-	0.0019	U	0.0016	U	0.0024	U	0.0021	U	0.002	U	0.0019	U	0.0016	U	0.0019	U	0.0019	U
Ethyl ether	-	-	0.0019	U	0.0016	U	0.0024	U	0.0021	U	0.002	U	0.0019	U	0.0016	U	0.0019	U	0.0019	U
trans-1,4-Dichloro-2-butene	-	-	0.0048	U	0.0041	U	0.0059	U	0.0053	U	0.005	U	0.0048	U	0.0041	U	0.0047	U	0.0048	U
Semivolatile Organics by GC/MS (mg/kg)																				
Acenaphthene	100	20	**0.26**		0.14	U	0.13	U	0.13	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
1,2,4-Trichlorobenzene	-	-	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
Hexachlorobenzene	1.2	0.33	0.11	U	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U	0.1	U
Bis(2-chloroethyl)ether	-	-	0.16	U	0.16	U	0.15	U	0.15	U	0.16	U	0.16	U	0.16	U	0.15	U	0.16	U
2-Chloronaphthalene	-	-	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
1,2-Dichlorobenzene	100	1.1	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
1,3-Dichlorobenzene	49	2.4	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
1,4-Dichlorobenzene	13	1.8	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
3,3'-Dichlorobenzidine	-	-	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
2,4-Dinitrotoluene	-	-	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
2,6-Dinitrotoluene	-	-	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
Fluoranthene	100	100	**3.5**		0.11	U	0.1	U	0.1	U	0.1	U	**0.1**		**0.035**	**J**	**0.066**	**J**	0.1	U
4-Chlorophenyl phenyl ether	-	-	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
4-Bromophenyl phenyl ether	-	-	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
Bis(2-chloroisopropyl)ether	-	-	0.22	U	0.21	U	0.2	U	0.2	U	0.21	U	0.21	U	0.22	U	0.2	U	0.21	U
Bis(2-chloroethoxy)methane	-	-	0.19	U	0.19	U	0.18	U	0.18	U	0.19	U	0.19	U	0.2	U	0.18	U	0.19	U
Hexachlorobutadiene	-	-	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
Hexachlorocyclopentadiene	-	-	0.51	U	0.51	U	0.48	U	0.48	U	0.5	U	0.49	U	0.52	U	0.49	U	0.5	U
Hexachloroethane	-	-	0.14	U	0.14	U	0.13	U	0.13	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
Isophorone	-	-	0.16	U	0.16	U	0.15	U	0.15	U	0.16	U	0.16	U	0.16	U	0.15	U	0.16	U
Naphthalene	100	12	0.12	J	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
Nitrobenzene	-	-	0.16	U	0.16	U	0.15	U	0.15	U	0.16	U	0.16	U	0.16	U	0.15	U	0.16	U
NDPA/DPA	-	-	0.14	U	0.14	U	0.13	U	0.13	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
n-Nitrosodi-n-propylamine	-	-	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
Bis(2-ethylhexyl)phthalate	-	-	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
Butyl benzyl phthalate	-	-	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.95		0.17		0.17	U
Di-n-butylphthalate	-	-	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
Di-n-octylphthalate	-	-	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
Diethyl phthalate	-	-	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
Dimethyl phthalate	-	-	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
Benzo(a)anthracene	1	1	**1.9**		0.11	U	0.1	U	0.1	U	0.1	U	**0.056**	**J**	0.021	J	0.034	J	0.1	U
Benzo(a)pyrene	1	1	**1.9**		0.14	U	0.13	U	0.13	U	0.14	U	**0.055**	**J**	0.14	U	0.14	U	0.14	U
Benzo(b)fluoranthene	1	1	**2.5**		0.11	U	0.1	U	0.1	U	0.1	U	**0.06**	**J**	0.11	U	**0.039**	**J**	0.1	U
Benzo(k)fluoranthene	3.9	0.8	**0.9**		0.11	U	0.1	U	0.1	U	0.1	U	**0.041**	**J**	0.11	U	0.1	U	0.1	U
Chrysene	3.9	1	**1.5**		0.11	U	0.1	U	0.1	U	0.1	U	**0.052**	**J**	0.11	U	**0.03**	**J**	0.1	U
Acenaphthylene	100	100	**0.12**	**J**	0.14	U	0.13	U	0.13	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
Anthracene	100	100	**0.56**		0.11	U	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U	0.1	U
Benzo(ghi)perylene	100	100	**1.3**		0.14	U	0.13	U	0.13	U	0.14	U	**0.049**	**J**	0.14	U	**0.022**	**J**	0.14	U
Fluorene	100	30	**0.22**		0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
Phenanthrene	100	100	**2.1**		0.11	U	0.1	U	0.1	U	0.1	U	**0.056**	**J**	0.11	U	**0.058**	**J**	0.1	U
Dibenzo(a,h)anthracene	0.33	0.33	**0.27**		0.11	U	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U	0.1	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	**1.3**		0.14	U	0.13	U	0.13	U	0.14	U	**0.041**	**J**	0.14	U	0.14	U	0.14	U
Pyrene	100	100	**3**		0.11	U	0.1	U	0.1	U	0.1	U	**0.09**	**J**	**0.032**	**J**	**0.061**	**J**	0.1	U
Biphenyl	-	-	0.41	U	0.41	U	0.38	U	0.38	U	0.4	U	0.39	U	0.41	U	0.39	U	0.4	U
4-Chloroaniline	-	-	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
2-Nitroaniline	-	-	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U

Table 1: Soil Boring Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

SAMPLE ID	NYS Part 375 Restricted-Residential	NYS Part 375 Unrestricted	SB-5 (15.5-16')		SB-6 (5.5-6')		SB-6 (15.5-16')		SB-6 (15.5-16') DUP		SB-7 (6-6.5')		SB-7 (15-15.5')		SB-8 (5.5-6')		SB-8 (15.5-16')		SB-9 (3.5-4')	
SAMPLING DATE			1/6/2020		1/7/2020		1/7/2020		1/7/2020		1/7/2020		1/7/2020		1/6/2020		1/6/2020		1/7/2020	
LAB SAMPLE ID			L2000463-06		L2000632-05		L2000632-06		L2000632-14		L2000632-07		L2000632-08		L2000463-07		L2000463-08		L2000632-09	
SAMPLE TYPE			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft bgs)			15.5-16		5.5-6		15.5-16		15.5-16		6-6.5		15-15.5		5.5-6		15.5-16		3.5-4	
			Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
3-Nitroaniline	-	-	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
4-Nitroaniline	-	-	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
Dibenzofuran	59	7	**0.1**	**J**	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
1-Methylnaphthalene	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
2-Methylnaphthalene	-	-	**0.055**	**J**	0.21	U	0.2	U	0.2	U	0.21	U	0.21	U	0.22	U	0.2	U	0.21	U
1,2,4,5-Tetrachlorobenzene	-	-	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
Acetophenone	-	-	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
2,4,6-Trichlorophenol	-	-	0.11	U	0.11	U	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	0.1	U	0.1	U
p-Chloro-m-cresol	-	-	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
2-Chlorophenol	-	-	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
2,4-Dichlorophenol	-	-	0.16	U	0.16	U	0.15	U	0.15	U	0.16	U	0.16	U	0.16	U	0.15	U	0.16	U
2,4-Dimethylphenol	-	-	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
2-Nitrophenol	-	-	0.39	U	0.39	U	0.36	U	0.36	U	0.38	U	0.37	U	0.39	U	0.37	U	0.38	U
4-Nitrophenol	-	-	0.25	U	0.25	U	0.24	U	0.23	U	0.24	U	0.24	U	0.25	U	0.24	U	0.24	U
2,4-Dinitrophenol	-	-	0.86	U	0.86	U	0.81	U	0.8	U	0.84	U	0.83	U	0.87	U	0.82	U	0.84	U
4,6-Dinitro-o-cresol	-	-	0.47	U	0.46	U	0.44	U	0.44	U	0.45	U	0.45	U	0.47	U	0.45	U	0.45	U
Pentachlorophenol	6.7	0.8	0.14	U	0.14	U	0.13	U	0.13	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U
Phenol	100	0.33	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
2-Methylphenol	100	0.33	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
3-Methylphenol/4-Methylphenol	100	0.33	0.26	U	0.26	U	0.24	U	0.24	U	0.25	U	0.25	U	0.26	U	0.25	U	0.25	U
2,4,5-Trichlorophenol	-	-	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
Benzoic Acid	-	-	0.58	U	0.58	U	0.54	U	0.54	U	0.56	U	0.56	U	0.59	U	0.56	U	0.56	U
Benzyl Alcohol	-	-	0.18	U	0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
Carbazole	-	-	**0.23**		0.18	U	0.17	U	0.17	U	0.17	U	0.17	U	0.18	U	0.17	U	0.17	U
1,4-Dioxane	13	0.1	0.027	U	0.027	U	0.025	U	0.025	U	0.026	U	0.026	U	0.027	U	0.026	U	0.026	U
Organochlorine Pesticides by GC																				
Delta-BHC	100	0.04	0.00168	U	0.00167	U	0.00164	U	0.00156	U	0.00164	U	0.00162	U	0.00175	U	0.00163	U	0.00165	U
Lindane	1.3	0.1	0.000701	U	0.000697	U	0.000682	U	0.000652	U	0.000685	U	0.000677	U	0.000731	U	0.000678	U	0.000688	U
Alpha-BHC	0.48	0.02	0.000701	U	0.000697	U	0.000682	U	0.000652	U	0.000685	U	0.000677	U	0.000731	U	0.000678	U	0.000688	U
Beta-BHC	0.36	0.036	0.00168	U	0.00167	U	0.00164	U	0.00156	U	0.00164	U	0.00162	U	0.00175	U	0.00163	U	0.00165	U
Heptachlor	2.1	0.042	0.000841	U	0.000836	U	0.000819	U	0.000782	U	0.000822	U	0.000813	U	0.000877	U	0.000814	U	0.000826	U
Aldrin	0.097	0.005	0.00168	U	0.00167	U	0.00164	U	0.00156	U	0.00164	U	0.00162	U	0.00175	U	0.00163	U	0.00165	U
Heptachlor epoxide	-	-	0.00315	U	0.00141	J	0.00307	U	0.00293	U	0.00308	U	0.00305	U	0.00329	U	0.00305	U	0.0031	U
Endrin	11	0.014	0.000701	U	0.000697	U	0.000682	U	0.000652	U	0.000685	U	0.000677	U	0.000731	U	0.000678	U	0.000688	U
Endrin aldehyde	-	-	0.0021	U	0.00209	U	0.00205	U	0.00195	U	0.00205	U	0.00203	U	0.00219	U	0.00203	U	0.00206	U
Endrin ketone	-	-	0.00168	U	0.00167	U	0.00164	U	0.00156	U	0.00164	U	0.00162	U	0.00175	U	0.00163	U	0.00165	U
Dieldrin	0.2	0.005	0.00105	U	0.00104	U	0.00102	U	0.000977	U	0.00103	U	0.00102	U	0.0011	U	0.00102	U	0.00103	U
4,4'-DDE	8.9	0.0033	0.00168	U	**0.0215**		0.00164	U	0.00156	U	0.00164	U	0.00162	U	0.00175	U	0.00163	U	0.00165	U
4,4'-DDD	13	0.0033	0.00168	U	**0.00938**		0.00164	U	0.00156	U	0.00164	U	0.00162	U	0.00175	U	0.00163	U	0.00165	U
4,4'-DDT	7.9	0.0033	0.00315	U	**0.0464**		0.00307	U	0.00293	U	0.00308	U	0.00305	U	0.00329	U	0.00305	U	0.0031	U
Endosulfan I	24	2.4	0.00168	U	0.00167	U	0.00164	U	0.00156	U	0.00164	U	0.00162	U	0.00175	U	0.00163	U	0.00165	U
Endosulfan II	24	2.4	0.00168	U	0.00167	U	0.00164	U	0.00156	U	0.00164	U	0.00162	U	0.00175	U	0.00163	U	0.00165	U
Endosulfan sulfate	24	2.4	0.000701	U	0.000697	U	0.000682	U	0.000652	U	0.000685	U	0.000677	U	0.000731	U	0.000678	U	0.000688	U
Methoxychlor	-	-	0.00315	U	0.00314	U	0.00307	U	0.00293	U	0.00308	U	0.00305	U	0.00329	U	0.00305	U	0.0031	U
Toxaphene	-	-	0.0315	U	0.0314	U	0.0307	U	0.0293	U	0.0308	U	0.0305	U	0.0329	U	0.0305	U	0.031	U
cis-Chlordane	4.2	0.094	0.0021	U	**0.00418**		0.00205	U	0.00195	U	0.00205	U	0.00203	U	0.00219	U	0.00203	U	0.00206	U
trans-Chlordane	-	-	0.0021	U	**0.00288**	**IP**	0.00205	U	0.00195	U	0.00205	U	0.00203	U	0.00219	U	0.00203	U	0.00206	U
Chlordane	-	-	0.0137	U	0.0136	U	0.0133	U	0.0127	U	0.0134	U	0.0132	U	0.0142	U	0.0132	U	0.0134	U
Perfluorinated Alkyl Acids by Isotope Dilution (mg/kg)																				
Perfluorobutanoic Acid (PFBA)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluoropentanoic Acid (PFPeA)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorobutanesulfonic Acid (PFBS)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorohexanoic Acid (PFHxA)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluoroheptanoic Acid (PFHpA)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorohexanesulfonic Acid (PFHxS)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorooctanoic Acid (PFOA)	0.33	0.00066	NA		NA		NA		NA		NA		NA		NA		NA		NA	
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluoroheptanesulfonic Acid (PFHpS)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorononanoic Acid (PFNA)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorooctanesulfonic Acid (PFOS)	0.44	0.00088	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorodecanoic Acid (PFDA)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluoroundecanoic Acid (PFUnA)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	

Table 1: Soil Boring Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

SAMPLE ID	NYS Part 375 Restricted-Residential	NYS Part 375 Unrestricted	SB-5 (15.5-16')		SB-6 (5.5-6')		SB-6 (15.5-16')		SB-6 (15.5-16') DUP		SB-7 (6-6.5')		SB-7 (15-15.5')		SB-8 (5.5-6')		SB-8 (15.5-16')		SB-9 (3.5-4')	
SAMPLING DATE			1/6/2020		1/7/2020		1/7/2020		1/7/2020		1/7/2020		1/7/2020		1/6/2020		1/6/2020		1/7/2020	
LAB SAMPLE ID			L2000463-06		L2000632-05		L2000632-06		L2000632-14		L2000632-07		L2000632-08		L2000463-07		L2000463-08		L2000632-09	
SAMPLE TYPE			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft bgs)			15.5-16		5.5-6		15.5-16		15.5-16		6-6.5		15-15.5		5.5-6		15.5-16		3.5-4	
			Results	**Q**	**Results**	**Q**	**Results**	**Q**	**Results**	**Q**	**Results**	**Q**	**Results**	**Q**	**Results**	**Q**	**Results**	**Q**	**Results**	**Q**
Perfluorodecanesulfonic Acid (PFDS)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorooctanesulfonamide (FOSA)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorododecanoic Acid (PFDoA)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorotridecanoic Acid (PFTrDA)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Perfluorotetradecanoic Acid (PFTA)	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
PFOA/PFOS, Total	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Polychlorinated Biphenyls by GC (mg/kg)																				
Aroclor 1016	1	0.1	0.0359	U	0.0342	U	0.0341	U	0.0332	U	0.0351	U	0.0334	U	0.0365	U	0.0346	U	0.0347	U
Aroclor 1221	1	0.1	0.0359	U	0.0342	U	0.0341	U	0.0332	U	0.0351	U	0.0334	U	0.0365	U	0.0346	U	0.0347	U
Aroclor 1232	1	0.1	0.0359	U	0.0342	U	0.0341	U	0.0332	U	0.0351	U	0.0334	U	0.0365	U	0.0346	U	0.0347	U
Aroclor 1242	1	0.1	0.0359	U	0.0342	U	0.0341	U	0.0332	U	0.0351	U	0.0334	U	0.0365	U	0.0346	U	0.0347	U
Aroclor 1248	1	0.1	0.0359	U	0.0342	U	0.0341	U	0.0332	U	0.0351	U	0.0334	U	0.0365	U	0.0346	U	0.0347	U
Aroclor 1254	1	0.1	0.0359	U	0.0342	U	0.0341	U	0.0332	U	0.0351	U	0.00689	J	0.0365	U	0.0346	U	0.0347	U
Aroclor 1260	1	0.1	0.0359	U	0.0342	U	0.0341	U	0.0332	U	0.0351	U	0.0334	U	0.0365	U	0.0346	U	0.0347	U
Aroclor 1262	1	0.1	0.0359	U	0.0342	U	0.0341	U	0.0332	U	0.0351	U	0.0334	U	0.0365	U	0.0346	U	0.0347	U
Aroclor 1268	1	0.1	0.0359	U	0.0342	U	0.0341	U	0.0332	U	0.0351	U	0.0334	U	0.0365	U	0.0346	U	0.0347	U
PCBs, Total	1	0.1	0.0359	U	0.0342	U	0.0341	U	0.0332	U	0.0351	U	0.00689	J	0.0365	U	0.0346	U	0.0347	U
Total Metals (mg/kg)																				
Aluminum, Total	-	-	**3670**		**5310**		**1660**		**1930**		**3650**		**4360**		**4240**		**3380**		**5530**	
Antimony, Total	-	-	4.28	U	**0.35**	**J**	3.92	U	4.09	U	4.04	U	**0.507**	**J**	4.32	U	4.11	U	4.27	U
Arsenic, Total	16	13	**1.46**		**2.31**		**0.901**		**0.729**	**J**	**1.24**		**1.99**		**1.61**		**1.69**		**1.69**	
Barium, Total	400	350	**29.3**		**17.6**		**13.4**		**14.1**		**33.2**		**41.3**		**26.2**		**26.6**		**44.8**	
Beryllium, Total	72	7.2	**0.197**	**J**	**0.228**	**J**	**0.102**	**J**	**0.115**	**J**	**0.178**	**J**	**0.319**	**J**	**0.138**	**J**	**0.214**	**J**	**0.307**	**J**
Cadmium, Total	4.3	2.5	0.855	U	**0.293**	**J**	**0.157**	**J**	**0.164**	**J**	**0.267**	**J**	**0.417**	**J**	0.863	U	0.822	U	**0.282**	**J**
Calcium, Total	-	-	**802**		**604**		**472**		**501**		**626**		**2120**		**967**		**938**		**530**	
Chromium, Total	-	-	**12.7**		**8.67**		**5.12**		**5.13**		**11**		**14.6**		**9.13**		**13.6**		**11**	
Cobalt, Total	-	-	**5.22**		**5.59**		**2.57**		**2.44**		**4.78**		**5.6**		**4.07**		**4.17**		**5.54**	
Copper, Total	270	50	**11.7**		**11.9**		**5.91**		**7.66**		**11.3**		**21**		**9.19**		**13.9**		**10.8**	
Iron, Total	-	-	**11300**		**10200**		**5510**		**6080**		**9000**		**12300**		**9520**		**10100**		**10600**	
Lead, Total	400	63	**6.25**		**2.55**	**J**	**0.705**	**J**	**0.393**	**J**	**1.76**	**J**	**23.3**		**8.37**		**6.97**		**2.56**	**J**
Magnesium, Total	-	-	**1600**		**1910**		**962**		**915**		**1580**		**3560**		**1710**		**1700**		**1830**	
Manganese, Total	2000	1600	**274**		**217**		**150**		**143**		**268**		**568**		**153**		**254**		**352**	
Mercury, Total	0.81	0.18	0.088	U	0.068	U	0.065	U	0.065	U	0.066	U	0.066	U	0.085	U	0.086	U	0.068	U
Nickel, Total	310	30	**25.1**		**15.3**		**6.18**		**6.42**		**19.5**		23.2		**8.15**		**15.8**		**12.5**	
Potassium, Total	-	-	**614**		**439**		**249**		**250**		**534**		710		**377**		**651**		**665**	
Selenium, Total	180	3.9	**0.222**	**J**	1.63	U	1.57	U	1.64	U	1.62	U	1.63	U	1.73	U	1.64	U	1.71	U
Silver, Total	180	2	0.855	U	0.815	U	0.784	U	0.819	U	0.808	U	0.817	U	0.863	U	0.822	U	0.853	U
Sodium, Total	-	-	**70.5**	**J**	**45.1**	**J**	**35.1**	**J**	**62.5**	**J**	**108**	**J**	90.2	J	**35.6**	**J**	**92**	**J**	**190**	
Thallium, Total	-	-	1.71	U	1.63	U	1.57	U	1.64	U	1.62	U	1.63	U	1.73	U	1.64	U	1.71	U
Vanadium, Total	-	-	**19.8**		**12.8**		**6.7**		**7.2**		**16.8**		**20**		**11.8**		**16.3**		**15.9**	
Zinc, Total	10000	109	**24.7**		**25**		**10.2**		**11**		**19.8**		**49**		**30.3**		**29.1**		**21.2**	

Table 1: Soil Boring Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

SAMPLE ID	NYS Part 375 Restricted-Residential	NYS Part 375 Unrestricted	SB-9 (15-15.5')		SB-10 (2-2.5')		SB-10 (2-2.5')DUP		SB-10 (15-15.5')		PARK AVE 3		PARK AVE 5		PARK AVE 8		SRI-1 (3-3.5)		SRI-1 (25-25.5)	
SAMPLING DATE			1/7/2020		1/7/2020		1/7/2020		1/7/2020		12/11/2020		12/11/2020		12/11/2020		6/15/2021		6/15/2021	
LAB SAMPLE ID			L2000632-10		L2000632-11		L2000632-13		L2000632-12		L2055577-01		L2055577-02		L2055577-03		L2132476-03		L2132476-04	
SAMPLE TYPE			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft bgs)			15-15.5		2-2.5		2-2.5		15-15.5		2.5-3		2.5-3		2.5-3		3-3.5		25-25.5	
			Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
General Chemistry																				
Solids, Total	-	-	**95.4**		**86.3**		**87.3**		**97**		**77.9**		**87.6**		**79.2**		**96.7**		**93.2**	
Volatile Organics by EPA 5035 (mg/kg)																				
Methylene chloride	100	0.05	0.0044	U	0.0052	U	0.0042	U	0.0044	U	NA		NA		NA		0.006	U	0.0053	U
1,1-Dichloroethane	26	0.27	0.00088	U	0.001	U	0.00084	U	0.00088	U	NA		NA		NA		0.0012	U	0.0011	U
Chloroform	49	0.37	0.0013	U	0.0016	U	0.0012	U	0.0013	U	NA		NA		NA		0.0018	U	0.0016	U
Carbon tetrachloride	2.4	0.76	0.00088	U	0.001	U	0.00084	U	0.00088	U	NA		NA		NA		0.0012	U	0.0011	U
1,2-Dichloropropane	-	-	0.00088	U	0.001	U	0.00084	U	0.00088	U	NA		NA		NA		0.0012	U	0.0011	U
Dibromochloromethane	-	-	0.00088	U	0.001	U	0.00084	U	0.00088	U	NA		NA		NA		0.0012	U	0.0011	U
1,1,2-Trichloroethane	-	-	0.00088	U	0.001	U	0.00084	U	0.00088	U	NA		NA		NA		0.0012	U	0.0011	U
Tetrachloroethene	19	1.3	0.00077		0.00052	U	0.00042	U	0.0012		NA		NA		NA		0.0006	U	**0.00021**	**J**
Chlorobenzene	100	1.1	0.00044	U	0.00052	U	0.00042	U	0.00044	U	NA		NA		NA		0.0006	U	0.00053	U
Trichlorofluoromethane	-	-	0.0035	U	0.0042	U	0.0034	U	0.0035	U	NA		NA		NA		0.0048	U	0.0042	U
1,2-Dichloroethane	3.1	0.02	0.00088	U	0.001	U	0.00084	U	0.00088	U	NA		NA		NA		0.0012	U	0.0011	U
1,1,1-Trichloroethane	100	0.68	0.00044	U	0.00052	U	0.00042	U	0.00044	U	NA		NA		NA		0.0006	U	0.00053	U
Bromodichloromethane	-	-	0.00044	U	0.00052	U	0.00042	U	0.00044	U	NA		NA		NA		0.0006	U	0.00053	U
trans-1,3-Dichloropropene	-	-	0.00088	U	0.001	U	0.00084	U	0.00088	U	NA		NA		NA		0.0012	U	0.0011	U
cis-1,3-Dichloropropene	-	-	0.00044	U	0.00052	U	0.00042	U	0.00044	U	NA		NA		NA		0.0006	U	0.00053	U
1,3-Dichloropropene, Total	-	-	0.00044	U	0.00052	U	0.00042	U	0.00044	U	NA		NA		NA		0.0006	U	0.00053	U
1,1-Dichloropropene	-	-	0.00044	U	0.00052	U	0.00042	U	0.00044	U	NA		NA		NA		0.0006	U	0.00053	U
Bromoform	-	-	0.0035	U	0.0042	U	0.0034	U	0.0035	U	NA		NA		NA		0.0048	U	0.0042	U
1,1,2,2-Tetrachloroethane	-	-	0.00044	U	0.00052	U	0.00042	U	0.00044	U	NA		NA		NA		0.0006	U	0.00053	U
Benzene	4.8	0.06	0.00044	U	0.00052	U	0.00042	U	0.00044	U	NA		NA		NA		0.0006	U	0.00053	U
Toluene	100	0.7	0.00088	U	0.001	U	0.00084	U	0.00088	U	NA		NA		NA		0.0012	U	0.0011	U
Ethylbenzene	41	1	0.00088	U	0.001	U	0.00084	U	0.00088	U	NA		NA		NA		0.0012	U	0.0011	U
Chloromethane	-	-	0.00094	J	0.0042	U	0.0034	U	0.0011	J	NA		NA		NA		0.0048	U	0.0042	U
Bromomethane	-	-	0.0018	U	0.0021	U	0.0017	U	0.0018	U	NA		NA		NA		0.0024	U	0.0021	U
Vinyl chloride	0.9	0.02	0.00088	U	0.001	U	0.00084	U	0.00088	U	NA		NA		NA		0.0012	U	0.0011	U
Chloroethane	-	-	0.0018	U	0.0021	U	0.0017	U	0.0018	U	NA		NA		NA		0.0024	U	0.0021	U
1,1-Dichloroethene	100	0.33	0.00088	U	0.001	U	0.00084	U	0.00088	U	NA		NA		NA		0.0012	U	0.0011	U
trans-1,2-Dichloroethene	100	0.19	0.0013	U	0.0016	U	0.0012	U	0.0013	U	NA		NA		NA		0.0018	U	0.0016	U
Trichloroethene	21	0.47	0.00044	U	0.00052	U	0.00042	U	0.00044	U	NA		NA		NA		0.0006	U	0.00053	U
1,2-Dichlorobenzene	100	1.1	0.0018	U	0.0021	U	0.0017	U	0.0018	U	NA		NA		NA		0.0024	U	0.0021	U
1,3-Dichlorobenzene	49	2.4	0.0018	U	0.0021	U	0.0017	U	0.0018	U	NA		NA		NA		0.0024	U	0.0021	U
1,4-Dichlorobenzene	13	1.8	0.0018	U	0.0021	U	0.0017	U	0.0018	U	NA		NA		NA		0.0024	U	0.0021	U
Methyl tert butyl ether	100	0.93	0.0018	U	0.0021	U	0.0017	U	0.0018	U	NA		NA		NA		0.0024	U	0.0021	U
p/m-Xylene	-	-	0.0018	U	0.0021	U	0.0017	U	0.0018	U	NA		NA		NA		0.0024	U	0.0021	U
o-Xylene	-	-	0.00088	U	0.001	U	0.00084	U	0.00088	U	NA		NA		NA		0.0012	U	0.0011	U
Xylenes, Total	100	0.26	0.00088	U	0.001	U	0.00084	U	0.00088	U	NA		NA		NA		0.0012	U	0.0011	U
cis-1,2-Dichloroethene	100	0.25	0.00088	U	0.001	U	0.00084	U	0.00088	U	NA		NA		NA		0.0012	U	0.0011	U
1,2-Dichloroethene, Total	-	-	0.00088	U	0.001	U	0.00084	U	0.00088	U	NA		NA		NA		0.0012	U	0.0011	U
Dibromomethane	-	-	0.0018	U	0.0021	U	0.0017	U	0.0018	U	NA		NA		NA		0.0024	U	0.0021	U
Styrene	-	-	0.00088	U	0.001	U	0.00084	U	0.00088	U	NA		NA		NA		0.0012	U	0.0011	U
Dichlorodifluoromethane	-	-	0.0088	U	0.01	U	0.0084	U	0.0088	U	NA		NA		NA		0.012	U	0.011	U
Acetone	100	0.05	0.0068	J	0.01	U	0.0084	U	0.0088	U	NA		NA		NA		0.012	U	0.011	U
Carbon disulfide	-	-	0.0088	U	0.01	U	0.0084	U	0.0088	U	NA		NA		NA		0.012	U	0.011	U
2-Butanone	100	0.12	0.0088	U	0.01	U	0.0084	U	0.0088	U	NA		NA		NA		0.012	U	0.011	U
Vinyl acetate	-	-	0.0088	U	0.01	U	0.0084	U	0.0088	U	NA		NA		NA		0.012	U	0.011	U
4-Methyl-2-pentanone	-	-	0.0088	U	0.01	U	0.0084	U	0.0088	U	NA		NA		NA		0.012	U	0.011	U
1,2,3-Trichloropropane	-	-	0.0018	U	0.0021	U	0.0017	U	0.0018	U	NA		NA		NA		0.0024	U	0.0021	U
2-Hexanone	-	-	0.0088	U	0.01	U	0.0084	U	0.0088	U	NA		NA		NA		0.012	U	0.011	U
Bromochloromethane	-	-	0.0018	U	0.0021	U	0.0017	U	0.0018	U	NA		NA		NA		0.0024	U	0.0021	U
2,2-Dichloropropane	-	-	0.0018	U	0.0021	U	0.0017	U	0.0018	U	NA		NA		NA		0.0024	U	0.0021	U
1,2-Dibromoethane	-	-	0.00088	U	0.001	U	0.00084	U	0.00088	U	NA		NA		NA		0.0012	U	0.0011	U
1,3-Dichloropropane	-	-	0.0018	U	0.0021	U	0.0017	U	0.0018	U	NA		NA		NA		0.0024	U	0.0021	U
1,1,1,2-Tetrachloroethane	-	-	0.00044	U	0.00052	U	0.00042	U	0.00044	U	NA		NA		NA		0.0006	U	0.00053	U
Bromobenzene	-	-	0.0018	U	0.0021	U	0.0017	U	0.0018	U	NA		NA		NA		0.0024	U	0.0021	U
n-Butylbenzene	100	12	0.00088	U	0.001	U	0.00084	U	0.00088	U	NA		NA		NA		0.0012	U	0.0011	U
sec-Butylbenzene	100	11	0.00088	U	0.001	U	0.00084	U	0.00088	U	NA		NA		NA		0.0012	U	0.0011	U
tert-Butylbenzene	100	5.9	0.0018	U	0.0021	U	0.0017	U	0.0018	U	NA		NA		NA		0.0024	U	0.0021	U
o-Chlorotoluene	-	-	0.0018	U	0.0021	U	0.0017	U	0.0018	U	NA		NA		NA		0.0024	U	0.0021	U
p-Chlorotoluene	-	-	0.0018	U	0.0021	U	0.0017	U	0.0018	U	NA		NA		NA		0.0024	U	0.0021	U

Table 1: Soil Boring Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

SAMPLE ID	NYS Part 375 Restricted-Residential	NYS Part 375 Unrestricted	SB-9 (15-15.5')		SB-10 (2-2.5')		SB-10 (2-2.5')DUP		SB-10 (15-15.5')		PARK AVE 3		PARK AVE 5		PARK AVE 8		SRI-1 (3-3.5)		SRI-1 (25-25.5)	
SAMPLING DATE			1/7/2020		1/7/2020		1/7/2020		1/7/2020		12/11/2020		12/11/2020		12/11/2020		6/15/2021		6/15/2021	
LAB SAMPLE ID			L2000632-10		L2000632-11		L2000632-13		L2000632-12		L2055577-01		L2055577-02		L2055577-03		L2132476-03		L2132476-04	
SAMPLE TYPE			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft bgs)			15-15.5		2-2.5		2-2.5		15-15.5		2.5-3		2.5-3		2.5-3		3-3.5		25-25.5	
			Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
1,2-Dibromo-3-chloropropane	-	-	0.0026	U	0.0031	U	0.0025	U	0.0026	U	NA		NA		NA		0.0036	U	0.0032	U
Hexachlorobutadiene	-	-	0.0035	U	0.0042	U	0.0034	U	0.0035	U	NA		NA		NA		0.0048	U	0.0042	U
Isopropylbenzene	-	-	0.00088	U	0.001	U	0.00084	U	0.00088	U	NA		NA		NA		0.0012	U	0.0011	U
p-Isopropyltoluene	-	-	0.00088	U	0.001	U	0.00084	U	0.00088	U	NA		NA		NA		0.0012	U	0.0011	U
Naphthalene	100	12	0.0035	U	0.0042	U	0.0034	U	0.0035	U	NA		NA		NA		0.0048	U	0.0042	U
Acrylonitrile	-	-	0.0035	U	0.0042	U	0.0034	U	0.0035	U	NA		NA		NA		0.0048	U	0.0042	U
n-Propylbenzene	100	3.9	0.00088	U	0.001	U	0.00084	U	0.00088	U	NA		NA		NA		0.0012	U	0.0011	U
1,2,3-Trichlorobenzene	-	-	0.0018	U	0.0021	U	0.0017	U	0.0018	U	NA		NA		NA		0.0024	U	0.0021	U
1,2,4-Trichlorobenzene	-	-	0.0018	U	0.0021	U	0.0017	U	0.0018	U	NA		NA		NA		0.0024	U	0.0021	U
1,3,5-Trimethylbenzene	52	8.4	0.0018	U	0.0021	U	0.0017	U	0.0018	U	NA		NA		NA		0.0024	U	0.0021	U
1,2,4-Trimethylbenzene	52	3.6	0.0018	U	0.0021	U	0.0017	U	0.0018	U	NA		NA		NA		0.0024	U	0.0021	U
1,4-Dioxane	13	0.1	0.07	U	0.084	U	0.067	U	0.07	U	NA		NA		NA		0.096	U	0.085	U
p-Diethylbenzene	-	-	0.0018	U	0.0021	U	0.0017	U	0.0018	U	NA		NA		NA		0.0024	U	0.0021	U
p-Ethyltoluene	-	-	0.0018	U	0.0021	U	0.0017	U	0.0018	U	NA		NA		NA		0.0024	U	0.0021	U
1,2,4,5-Tetramethylbenzene	-	-	0.0018	U	0.0021	U	0.0017	U	0.0018	U	NA		NA		NA		0.0024	U	0.0021	U
Ethyl ether	-	-	0.0018	U	0.0021	U	0.0017	U	0.0018	U	NA		NA		NA		0.0024	U	0.0021	U
trans-1,4-Dichloro-2-butene	-	-	0.0044	U	0.0052	U	0.0042	U	0.0044	U	NA		NA		NA		0.006	U	0.0053	U
Semivolatile Organics by GC/MS (mg/kg)																				
Acenaphthene	100	20	0.14	U	0.15	U	0.15	U	0.13	U	0.17	U	**0.12**	**J**	**0.051**	**J**	0.13	U	0.14	U
1,2,4-Trichlorobenzene	-	-	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
Hexachlorobenzene	1.2	0.33	0.1	U	0.11	U	0.11	U	0.1	U	NA		NA		NA		0.1	U	0.1	U
Bis(2-chloroethyl)ether	-	-	0.16	U	0.17	U	0.17	U	0.15	U	NA		NA		NA		0.15	U	0.16	U
2-Chloronaphthalene	-	-	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
1,2-Dichlorobenzene	100	1.1	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
1,3-Dichlorobenzene	49	2.4	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
1,4-Dichlorobenzene	13	1.8	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
3,3'-Dichlorobenzidine	-	-	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
2,4-Dinitrotoluene	-	-	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
2,6-Dinitrotoluene	-	-	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
Fluoranthene	100	100	0.1	U	0.11	U	**0.026**	**J**	0.1	U	**0.26**		**1.9**		**1**		0.1	U	0.1	U
4-Chlorophenyl phenyl ether	-	-	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
4-Bromophenyl phenyl ether	-	-	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
Bis(2-chloroisopropyl)ether	-	-	0.21	U	0.23	U	0.23	U	0.2	U	NA		NA		NA		0.2	U	0.21	U
Bis(2-chloroethoxy)methane	-	-	0.19	U	0.2	U	0.2	U	0.18	U	NA		NA		NA		0.18	U	0.19	U
Hexachlorobutadiene	-	-	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
Hexachlorocyclopentadiene	-	-	0.49	U	0.54	U	0.54	U	0.48	U	NA		NA		NA		0.48	U	0.5	U
Hexachloroethane	-	-	0.14	U	0.15	U	0.15	U	0.13	U	NA		NA		NA		0.13	U	0.14	U
Isophorone	-	-	0.16	U	0.17	U	0.17	U	0.15	U	NA		NA		NA		0.15	U	0.16	U
Naphthalene	100	12	0.17	U	0.19	U	0.19	U	0.17	U	0.21	U	0.1	J	0.039	J	0.17	U	0.18	U
Nitrobenzene	-	-	0.16	U	0.17	U	0.17	U	0.15	U	NA		NA		NA		0.15	U	0.16	U
NDPA/DPA	-	-	0.14	U	0.15	U	0.15	U	0.13	U	NA		NA		NA		0.13	U	0.14	U
n-Nitrosodi-n-propylamine	-	-	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
Bis(2-ethylhexyl)phthalate	-	-	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
Butyl benzyl phthalate	-	-	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
Di-n-butylphthalate	-	-	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
Di-n-octylphthalate	-	-	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
Diethyl phthalate	-	-	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
Dimethyl phthalate	-	-	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
Benzo(a)anthracene	1	1	0.1	U	0.11	U	0.11	U	0.1	U	NA		NA		NA		0.1	U	0.1	U
Benzo(a)pyrene	1	1	0.14	U	0.15	U	0.15	U	0.13	U	**0.12**	**J**	0.96		**0.52**		0.13	U	0.14	U
Benzo(b)fluoranthene	1	1	0.1	U	0.11	U	0.11	U	0.1	U	**0.15**		**1.2**		**0.68**		0.1	U	0.1	U
Benzo(k)fluoranthene	3.9	0.8	0.1	U	0.11	U	0.11	U	0.1	U	**0.055**	**J**	**0.42**		**0.21**		0.1	U	0.1	U
Chrysene	3.9	1	0.1	U	0.11	U	0.11	U	0.1	U	**0.13**		**0.92**		**0.5**		0.1	U	0.1	U
Acenaphthylene	100	100	0.14	U	0.15	U	0.15	U	0.13	U	0.17	U	**0.1**	**J**	**0.1**	**J**	0.13	U	0.14	U
Anthracene	100	100	0.1	U	0.11	U	0.11	U	0.1	U	**0.046**	**J**	**0.3**		**0.16**		0.1	U	0.1	U
Benzo(ghi)perylene	100	100	0.14	U	0.15	U	0.15	U	0.13	U	**0.084**	**J**	**0.67**		**0.4**		0.13	U	0.14	U
Fluorene	100	30	0.17	U	0.19	U	0.19	U	0.17	U	0.21	U	**0.11**	**J**	**0.049**	**J**	0.17	U	0.18	U
Phenanthrene	100	100	0.1	U	0.11	U	0.11	U	0.1	U	**0.21**		**1.2**		**0.58**		0.1	U	0.1	U
Dibenzo(a,h)anthracene	0.33	0.33	0.1	U	0.11	U	0.11	U	0.1	U	NA		NA		NA		0.1	U	0.1	U
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.14	U	0.15	U	0.15	U	0.13	U	**0.08**	**J**	**0.67**		**0.39**		0.13	U	0.14	U
Pyrene	100	100	0.1	U	0.11	U	0.021	J	0.1	U	**0.23**		**1.6**		**0.86**		0.1	U	0.1	U
Biphenyl	-	-	0.39	U	0.43	U	0.43	U	0.38	U	NA		NA		NA		0.38	U	0.4	U
4-Chloroaniline	-	-	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
2-Nitroaniline	-	-	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U

Table 1: Soil Boring Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

SAMPLE ID	NYS Part 375 Restricted-Residential	NYS Part 375 Unrestricted	SB-9 (15-15.5')		SB-10 (2-2.5')		SB-10 (2-2.5')DUP		SB-10 (15-15.5')		PARK AVE 3		PARK AVE 5		PARK AVE 8		SRI-1 (3-3.5)		SRI-1 (25-25.5)	
SAMPLING DATE			1/7/2020		1/7/2020		1/7/2020		1/7/2020		12/11/2020		12/11/2020		12/11/2020		6/15/2021		6/15/2021	
LAB SAMPLE ID			L2000632-10		L2000632-11		L2000632-13		L2000632-12		L2055577-01		L2055577-02		L2055577-03		L2132476-03		L2132476-04	
SAMPLE TYPE			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft bgs)			15-15.5		2-2.5		2-2.5		15-15.5		2.5-3		2.5-3		2.5-3		3-3.5		25-25.5	
			Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
3-Nitroaniline	-	-	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
4-Nitroaniline	-	-	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
Dibenzofuran	59	7	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
1-Methylnaphthalene	-	-	NA		NA		NA		NA		0.21	U	**0.03**	**J**	0.21	U	NA		NA	
2-Methylnaphthalene	-	-	0.21	U	0.23	U	0.23	U	0.2	U	0.25	U	**0.032**	**J**	0.25	U	0.2	U	0.21	U
1,2,4,5-Tetrachlorobenzene	-	-	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
Acetophenone	-	-	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
2,4,6-Trichlorophenol	-	-	0.1	U	0.11	U	0.11	U	0.1	U	NA		NA		NA		0.1	U	0.1	U
p-Chloro-m-cresol	-	-	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
2-Chlorophenol	-	-	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
2,4-Dichlorophenol	-	-	0.16	U	0.17	U	0.17	U	0.15	U	NA		NA		NA		0.15	U	0.16	U
2,4-Dimethylphenol	-	-	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
2-Nitrophenol	-	-	0.37	U	0.41	U	0.41	U	0.36	U	NA		NA		NA		0.36	U	0.38	U
4-Nitrophenol	-	-	0.24	U	0.26	U	0.26	U	0.24	U	NA		NA		NA		0.23	U	0.25	U
2,4-Dinitrophenol	-	-	0.83	U	0.9	U	0.91	U	0.81	U	NA		NA		NA		0.8	U	0.84	U
4,6-Dinitro-o-cresol	-	-	0.45	U	0.49	U	0.49	U	0.44	U	NA		NA		NA		0.43	U	0.46	U
Pentachlorophenol	6.7	0.8	0.14	U	0.15	U	0.15	U	0.13	U	NA		NA		NA		0.13	U	0.14	U
Phenol	100	0.33	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
2-Methylphenol	100	0.33	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
3-Methylphenol/4-Methylphenol	100	0.33	0.25	U	0.27	U	0.27	U	0.24	U	NA		NA		NA		0.24	U	0.25	U
2,4,5-Trichlorophenol	-	-	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
Benzoic Acid	-	-	0.56	U	0.61	U	0.61	U	0.54	U	NA		NA		NA		0.54	U	0.57	U
Benzyl Alcohol	-	-	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
Carbazole	-	-	0.17	U	0.19	U	0.19	U	0.17	U	NA		NA		NA		0.17	U	0.18	U
1,4-Dioxane	13	0.1	0.026	U	0.028	U	0.028	U	0.025	U	NA		NA		NA		0.025	U	0.026	U
Organochlorine Pesticides by GC																				
Delta-BHC	100	0.04	0.00165	U	0.00182	U	0.00182	U	0.00155	U	NA		NA		NA		0.00156	U	0.00166	U
Lindane	1.3	0.1	0.000686	U	0.00076	U	0.00076	U	0.000647	U	NA		NA		NA		0.000649	U	0.000693	U
Alpha-BHC	0.48	0.02	0.000686	U	0.00076	U	0.00076	U	0.000647	U	NA		NA		NA		0.000649	U	0.000693	U
Beta-BHC	0.36	0.036	0.00165	U	0.00182	U	0.00182	U	0.00155	U	NA		NA		NA		0.00156	U	0.00166	U
Heptachlor	2.1	0.042	0.000824	U	0.000912	U	0.000912	U	0.000776	U	NA		NA		NA		0.000778	U	0.000831	U
Aldrin	0.097	0.005	0.00165	U	0.00182	U	0.00182	U	0.00155	U	NA		NA		NA		0.00156	U	0.00166	U
Heptachlor epoxide	-	-	0.00309	U	0.00342	U	0.00342	U	0.00291	U	NA		NA		NA		0.00292	U	0.00312	U
Endrin	11	0.014	0.000686	U	0.00076	U	0.00076	U	0.000647	U	NA		NA		NA		0.000649	U	0.000693	U
Endrin aldehyde	-	-	0.00206	U	0.00228	U	0.00228	U	0.00194	U	NA		NA		NA		0.00195	U	0.00208	U
Endrin ketone	-	-	0.00165	U	0.00182	U	0.00182	U	0.00155	U	NA		NA		NA		0.00156	U	0.00166	U
Dieldrin	0.2	0.005	0.00103	U	0.00114	U	0.00114	U	0.00097	U	NA		NA		NA		0.000973	U	0.00104	U
4,4'-DDE	8.9	0.0033	0.00165	U	0.00182	U	0.00182	U	0.00155	U	NA		NA		NA		0.00156	U	0.00166	U
4,4'-DDD	13	0.0033	0.00165	U	0.00182	U	0.00182	U	0.00155	U	NA		NA		NA		0.00156	U	0.00166	U
4,4'-DDT	7.9	0.0033	0.00309	U	0.00342	U	0.00342	U	0.00291	U	NA		NA		NA		0.00292	U	0.00312	U
Endosulfan I	24	2.4	0.00165	U	0.00182	U	0.00182	U	0.00155	U	NA		NA		NA		0.00156	U	0.00166	U
Endosulfan II	24	2.4	0.00165	U	0.00182	U	0.00182	U	0.00155	U	NA		NA		NA		0.00156	U	0.00166	U
Endosulfan sulfate	24	2.4	0.000686	U	0.00076	U	0.00076	U	0.000647	U	NA		NA		NA		0.000649	U	0.000693	U
Methoxychlor	-	-	0.00309	U	0.00342	U	0.00342	U	0.00291	U	NA		NA		NA		0.00292	U	0.00312	U
Toxaphene	-	-	0.0309	U	0.0342	U	0.0342	U	0.0291	U	NA		NA		NA		0.0292	U	0.0312	U
cis-Chlordane	4.2	0.094	0.00206	U	0.00228	U	0.00228	U	0.00194	U	NA		NA		NA		0.00195	U	0.00208	U
trans-Chlordane	-	-	0.00206	U	0.00228	U	0.00228	U	0.00194	U	NA		NA		NA		0.00195	U	0.00208	U
Chlordane	-	-	0.0134	U	0.0148	U	0.0148	U	0.0126	U	NA		NA		NA		0.013	U	0.0138	U
Perfluorinated Alkyl Acids by Isotope Dilution (mg/kg)																				
Perfluorobutanoic Acid (PFBA)	-	-	NA		NA		NA		NA		NA		NA		NA		0.000492	U	0.000483	U
Perfluoropentanoic Acid (PFPeA)	-	-	NA		NA		NA		NA		NA		NA		NA		0.000492	U	0.000483	U
Perfluorobutanesulfonic Acid (PFBS)	-	-	NA		NA		NA		NA		NA		NA		NA		0.000246	U	0.000242	U
Perfluorohexanoic Acid (PFHxA)	-	-	NA		NA		NA		NA		NA		NA		NA		0.000492	U	**0.000057**	**J**
Perfluoroheptanoic Acid (PFHpA)	-	-	NA		NA		NA		NA		NA		NA		NA		0.000246	U	0.000242	U
Perfluorohexanesulfonic Acid (PFHxS)	-	-	NA		NA		NA		NA		NA		NA		NA		0.000246	U	0.000242	U
Perfluorooctanoic Acid (PFOA)	0.33	0.00066	NA		NA		NA		NA		NA		NA		NA		**0.000056**	**J**	**0.000062**	**J**
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	-	-	NA		NA		NA		NA		NA		NA		NA		0.000492	U	0.000483	U
Perfluoroheptanesulfonic Acid (PFHpS)	-	-	NA		NA		NA		NA		NA		NA		NA		0.000492	U	0.000483	U
Perfluorononanoic Acid (PFNA)	-	-	NA		NA		NA		NA		NA		NA		NA		0.000246	U	0.000242	U
Perfluorooctanesulfonic Acid (PFOS)	0.44	0.00088	NA		NA		NA		NA		NA		NA		NA		0.000246	U	**0.000154**	**J**
Perfluorodecanoic Acid (PFDA)	-	-	NA		NA		NA		NA		NA		NA		NA		0.000246	U	0.000242	U
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	-	-	NA		NA		NA		NA		NA		NA		NA		0.000492	U	0.000483	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	-	-	NA		NA		NA		NA		NA		NA		NA		0.000492	U	0.000483	U
Perfluoroundecanoic Acid (PFUnA)	-	-	NA		NA		NA		NA		NA		NA		NA		0.000492	U	0.000483	U

Table 1: Soil Boring Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

SAMPLE ID	NYS Part 375 Restricted-Residential	NYS Part 375 Unrestricted	SB-9 (15-15.5')		SB-10 (2-2.5')		SB-10 (2-2.5')DUP		SB-10 (15-15.5')		PARK AVE 3		PARK AVE 5		PARK AVE 8		SRI-1 (3-3.5)		SRI-1 (25-25.5)	
SAMPLING DATE			1/7/2020		1/7/2020		1/7/2020		1/7/2020		12/11/2020		12/11/2020		12/11/2020		6/15/2021		6/15/2021	
LAB SAMPLE ID			L2000632-10		L2000632-11		L2000632-13		L2000632-12		L2055577-01		L2055577-02		L2055577-03		L2132476-03		L2132476-04	
SAMPLE TYPE			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft bgs)			15-15.5		2-2.5		2-2.5		15-15.5		2.5-3		2.5-3		2.5-3		3-3.5		25-25.5	
			Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Perfluorodecanesulfonic Acid (PFDS)	-	-	NA		NA		NA		NA		NA		NA		NA		0.000492	U	0.000483	U
Perfluorooctanesulfonamide (FOSA)	-	-	NA		NA		NA		NA		NA		NA		NA		0.000492	U	0.000483	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	-	-	NA		NA		NA		NA		NA		NA		NA		0.000492	U	0.000483	U
Perfluorododecanoic Acid (PFDoA)	-	-	NA		NA		NA		NA		NA		NA		NA		0.000492	U	0.000483	U
Perfluorotridecanoic Acid (PFTrDA)	-	-	NA		NA		NA		NA		NA		NA		NA		0.000492	U	0.000483	U
Perfluorotetradecanoic Acid (PFTA)	-	-	NA		NA		NA		NA		NA		NA		NA		0.000492	U	0.000483	U
PFOA/PFOS, Total	-	-	NA		NA		NA		NA		NA		NA		NA		**0.000056**	**J**	**0.000216**	**J**
Polychlorinated Biphenyls by GC (mg/kg)																				
Aroclor 1016	1	0.1	0.0348	U	0.0371	U	0.0374	U	0.0331	U	NA		NA		NA		0.0331	U	0.0348	U
Aroclor 1221	1	0.1	0.0348	U	0.0371	U	0.0374	U	0.0331	U	NA		NA		NA		0.0331	U	0.0348	U
Aroclor 1232	1	0.1	0.0348	U	0.0371	U	0.0374	U	0.0331	U	NA		NA		NA		0.0331	U	0.0348	U
Aroclor 1242	1	0.1	0.0348	U	0.0371	U	0.0374	U	0.0331	U	NA		NA		NA		0.0331	U	0.0348	U
Aroclor 1248	1	0.1	0.0348	U	0.0371	U	0.0374	U	0.0331	U	NA		NA		NA		0.0331	U	0.0348	U
Aroclor 1254	1	0.1	0.0348	U	0.0371	U	0.0374	U	0.0331	U	NA		NA		NA		0.0331	U	0.0348	U
Aroclor 1260	1	0.1	0.0348	U	0.0371	U	0.0374	U	0.0331	U	NA		NA		NA		0.0331	U	0.0348	U
Aroclor 1262	1	0.1	0.0348	U	0.0371	U	0.0374	U	0.0331	U	NA		NA		NA		0.0331	U	0.0348	U
Aroclor 1268	1	0.1	0.0348	U	0.0371	U	0.0374	U	0.0331	U	NA		NA		NA		0.0331	U	0.0348	U
PCBs, Total	1	0.1	0.0348	U	0.0371	U	0.0374	U	0.0331	U	NA		NA		NA		0.0331	U	0.0348	U
Total Metals (mg/kg)																				
Aluminum, Total	-	-	**3070**		**7840**		**9420**		**2140**		**5880**		**5010**		**5840**		**2710**		**2540**	
Antimony, Total	-	-	4.03	U	1.04	J	0.686	J	3.97	U	5.05	U	4.39	U	1.71	J	3.94	U	4.18	U
Arsenic, Total	16	13	**1.26**		**5.47**		**5**		**0.985**		**3.65**		**3.96**		**3.4**		**3.1**		**1.11**	
Barium, Total	400	350	**22**		**17.2**		**38.1**		**18.1**		**53.4**		**128**		**142**		**17.8**		**21.1**	
Beryllium, Total	72	7.2	**0.161**	**J**	**0.241**	**J**	**0.422**	**J**	**0.111**	**J**	**0.374**	**J**	**0.281**	**J**	**0.316**	**J**	**0.126**	**J**	**0.159**	**J**
Cadmium, Total	4.3	2.5	**0.258**	**J**	**0.491**	**J**	**0.607**	**J**	**0.191**	**J**	**0.364**	**J**	**0.649**	**J**	**0.583**	**J**	**0.221**	**J**	**0.226**	**J**
Calcium, Total	-	-	**776**		**784**		**745**		**638**		**14300**		**38800**		**8140**		**852**		**811**	
Chromium, Total	-	-	**10**		**19.1**		**15.3**		**5.2**		**14.2**		**12**		**17.2**		**7.3**		**5.66**	
Cobalt, Total	-	-	**4.47**		**6.36**		**11.3**		**3.37**		**6.63**		**5.79**		**7.78**		**4.03**		**3.17**	
Copper, Total	270	50	**10**		**9.9**		**16.6**		**7.61**		**18**		**23.6**		**24.6**		**8.78**		**7.76**	
Iron, Total	-	-	**8980**		**19800**		**22600**		**6650**		**12400**		**16000**		**14400**		**7120**		**6770**	
Lead, Total	400	63	**2.07**	**J**	**5.87**		**6.44**		**1.25**	**J**	**37.7**		**118**		**103**		**4.2**		**4.48**	
Magnesium, Total	-	-	**1780**		**1970**		**2910**		**1120**		**3590**		**4030**		**3040**		**1640**		**1710**	
Manganese, Total	2000	1600	**210**		**178**		**510**		**220**		**287**		**403**		**312**		**152**		**180**	
Mercury, Total	0.81	0.18	0.066	U	0.073	U	0.072	U	0.065	U	**0.822**		**0.208**		**0.183**		0.065	U	0.068	U
Nickel, Total	310	30	**13.9**		**9.21**		**17.8**		**8.37**		**31.6**		**20.2**		**33**		**13**		**7.06**	
Potassium, Total	-	-	**590**		**398**		**497**		**250**		**899**		**752**		**990**		**476**		**373**	
Selenium, Total	180	3.9	1.61	U	**0.304**	**J**	1.76	U	1.59	U	2.02	U	**0.72**	**J**	**0.354**	**J**	1.58	U	1.67	U
Silver, Total	180	2	0.806	U	0.893	U	0.88	U	0.794	U	1.01	U	0.877	U	0.956	U	0.789	U	0.836	U
Sodium, Total	-	-	**71.1**	**J**	**26.5**	**J**	**49.7**	**J**	**49.8**	**J**	**118**	**J**	**194**		**144**	**J**	**72.4**	**J**	**72.6**	**J**
Thallium, Total	-	-	1.61	U	1.78	U	1.76	U	1.59	U	2.02	U	1.75	U	1.91	U	1.58	U	1.67	U
Vanadium, Total	-	-	**13.7**		**22.7**		**38.4**		**7.99**		**22.3**		**20.3**		25.8	U	**11.8**		**9.06**	
Zinc, Total	10000	109	**22.1**		**28.8**		**35.5**		**13.5**		**49.7**		**124**		**120**		**21.1**		**17**	

Table 1: Soil Boring Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

SAMPLE ID	NYS Part 375 Restricted-Residential	NYS Part 375 Unrestricted	DUP-1 SRI-1 (25-25.5)		SRI-2 (0-0.5)		SRI-2 (30-30.5)		SRI-3 (2-2.5)		SRI-3 (28-28.5)		SRI-4 (1-1.5)		SRI-4 (26.5-27)		SRI-5 (1.5-2)		SRI-5 (27-27.5)
SAMPLING DATE			6/15/2021		6/15/2021		6/15/2021		6/14/2021		6/14/2021		6/14/2021		6/14/2021		6/14/2021		6/14/2021
LAB SAMPLE ID			L2132476-07		L2132476-01		L2132476-02		L2132198-01		L2132198-02		L2132198-03		L2132198-04		L2132198-05		L2132198-06
SAMPLE TYPE			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL
SAMPLE DEPTH (ft bgs)			25-25.5		0-0.5		30-30.5		2-2.5		28-28.5		1-1.5		26.5-27		1.5-2		27-27.5
			Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results
General Chemistry																			
Solids, Total	-	-	**89.7**		**90.6**		**92.9**		**87.5**		**88.2**		**86.7**		**91.9**		**89.5**		**94.9**
Volatile Organics by EPA 5035 (mg/kg)																			
Methylene chloride	100	0.05	0.006	U	0.0059	U	0.0061	U	0.0045	U	0.0064	U	0.29	U	0.0051	U	0.0059	U	0.0045
1,1-Dichloroethane	26	0.27	0.0012	U	0.0012	U	0.0012	U	0.00091	U	0.0013	U	**0.075**		0.001	U	0.0012	U	0.00091
Chloroform	49	0.37	0.0018	U	0.0018	U	0.0018	U	0.0014	U	0.0019	U	0.088	U	0.0015	U	0.0018	U	0.0014
Carbon tetrachloride	2.4	0.76	0.0012	U	0.0012	U	0.0012	U	0.00091	U	0.0013	U	0.058	U	0.001	U	0.0012	U	0.00091
1,2-Dichloropropane	-	-	0.0012	U	0.0012	U	0.0012	U	0.00091	U	0.0013	U	0.058	U	0.001	U	0.0012	U	0.00091
Dibromochloromethane	-	-	0.0012	U	0.0012	U	0.0012	U	0.00091	U	0.0013	U	0.058	U	0.001	U	0.0012	U	0.00091
1,1,2-Trichloroethane	-	-	0.0012	U	0.0012	U	0.0012	U	0.00091	U	0.0013	U	0.058	U	0.001	U	0.0012	U	0.00091
Tetrachloroethene	19	1.3	0.0006	U	0.00059	U	**0.00077**		0.00045	U	0.00042	J	**0.04**		**0.00031**	**J**	0.00059	U	**0.00065**
Chlorobenzene	100	1.1	0.0006	U	0.00059	U	0.00061	U	0.00045	U	0.00064	U	0.029	U	0.00051	U	0.00059	U	0.00045
Trichlorofluoromethane	-	-	0.0048	U	0.0047	U	0.0048	U	0.0036	U	0.0052	U	0.23	U	0.0041	U	0.0047	U	0.0036
1,2-Dichloroethane	3.1	0.02	0.0012	U	0.0012	U	0.0012	U	0.00091	U	0.0013	U	0.058	U	0.001	U	0.0012	U	0.00091
1,1,1-Trichloroethane	100	0.68	0.0006	U	0.00059	U	0.00061	U	0.00045	U	0.00064	U	0.019	J	0.00051	U	0.00059	U	0.00045
Bromodichloromethane	-	-	0.0006	U	0.00059	U	0.00061	U	0.00045	U	0.00064	U	0.029	U	0.00051	U	0.00059	U	0.00045
trans-1,3-Dichloropropene	-	-	0.0012	U	0.0012	U	0.0012	U	0.00091	U	0.0013	U	0.058	U	0.001	U	0.0012	U	0.00091
cis-1,3-Dichloropropene	-	-	0.0006	U	0.00059	U	0.00061	U	0.00045	U	0.00064	U	0.029	U	0.00051	U	0.00059	U	0.00045
1,3-Dichloropropene, Total	-	-	0.0006	U	0.00059	U	0.00061	U	0.00045	U	0.00064	U	0.029	U	0.00051	U	0.00059	U	0.00045
1,1-Dichloropropene	-	-	0.0006	U	0.00059	U	0.00061	U	0.00045	U	0.00064	U	0.029	U	0.00051	U	0.00059	U	0.00045
Bromoform	-	-	0.0048	U	0.0047	U	0.0048	U	0.0036	U	0.0052	U	0.23	U	0.0041	U	0.0047	U	0.0036
1,1,2,2-Tetrachloroethane	-	-	0.0006	U	0.00059	U	0.00061	U	0.00045	U	0.00064	U	0.029	U	0.00051	U	0.00059	U	0.00045
Benzene	4.8	0.06	0.0006	U	0.00059	U	0.00061	U	0.00045	U	0.00064	U	0.029	U	0.00051	U	0.00059	U	0.00045
Toluene	100	0.7	0.0012	U	0.0012	U	0.0012	U	0.00091	U	0.0013	U	**0.35**		0.001	U	0.0012	U	0.00091
Ethylbenzene	41	1	0.0012	U	0.0012	U	0.0012	U	0.00091	U	0.0013	U	**0.47**		0.001	U	0.0012	U	0.00091
Chloromethane	-	-	0.0048	U	0.0047	U	0.0048	U	0.0036	U	0.0052	U	0.23	U	0.0041	U	0.0047	U	0.0036
Bromomethane	-	-	0.0024	U	0.0024	U	0.0024	U	0.0018	U	0.0026	U	**0.036**	**J**	0.002	U	0.0024	U	0.0018
Vinyl chloride	0.9	0.02	0.0012	U	0.0012	U	0.0012	U	0.00091	U	0.0013	U	0.058	U	0.001	U	0.0012	U	0.00091
Chloroethane	-	-	0.0024	U	0.0024	U	0.0024	U	0.0018	U	0.0026	U	0.12	U	0.002	U	0.0024	U	0.0018
1,1-Dichloroethene	100	0.33	0.0012	U	0.0012	U	0.0012	U	0.00091	U	0.0013	U	0.058	U	0.001	U	0.0012	U	0.00091
trans-1,2-Dichloroethene	100	0.19	0.0018	U	0.0018	U	0.0018	U	0.0014	U	0.0019	U	0.088	U	0.0015	U	0.0018	U	0.0014
Trichloroethene	21	0.47	0.0006	U	0.00059	U	0.00061	U	0.00045	U	0.00064	U	**0.039**		0.00051	U	0.00059	U	0.00045
1,2-Dichlorobenzene	100	1.1	0.0024	U	0.0024	U	0.0024	U	0.0018	U	0.0026	U	0.12	U	0.002	U	0.0024	U	0.0018
1,3-Dichlorobenzene	49	2.4	0.0024	U	0.0024	U	0.0024	U	0.0018	U	0.0026	U	0.12	U	0.002	U	0.0024	U	0.0018
1,4-Dichlorobenzene	13	1.8	0.0024	U	0.0024	U	0.0024	U	0.0018	U	0.0026	U	**0.034**	**J**	0.002	U	0.0024	U	0.0018
Methyl tert butyl ether	100	0.93	0.0024	U	0.0024	U	0.0024	U	0.0018	U	0.0026	U	0.12	U	0.002	U	0.0024	U	0.0018
p/m-Xylene	-	-	0.0024	U	0.0024	U	0.0024	U	0.0018	U	0.0026	U	**1.7**		0.002	U	0.0024	U	0.0018
o-Xylene	-	-	0.0012	U	0.0012	U	0.0012	U	0.00091	U	0.0013	U	**0.68**		0.001	U	0.0012	U	0.00091
Xylenes, Total	100	0.26	0.0012	U	0.0012	U	0.0012	U	0.00091	U	0.0013	U	2.4		0.001	U	0.0012	U	0.00091
cis-1,2-Dichloroethene	100	0.25	0.0012	U	0.0012	U	0.0012	U	0.00091	U	0.0013	U	**0.012**	**J**	0.001	U	0.0012	U	0.00091
1,2-Dichloroethene, Total	-	-	0.0012	U	0.0012	U	0.0012	U	0.00091	U	0.0013	U	**0.012**	**J**	0.001	U	0.0012	U	0.00091
Dibromomethane	-	-	0.0024	U	0.0024	U	0.0024	U	0.0018	U	0.0026	U	0.12	U	0.002	U	0.0024	U	0.0018
Styrene	-	-	0.0012	U	0.0012	U	0.0012	U	0.00091	U	0.0013	U	0.058	U	0.001	U	0.0012	U	0.00091
Dichlorodifluoromethane	-	-	0.012	U	0.012	U	0.012	U	0.0091	U	0.013	U	0.58	U	0.01	U	0.012	U	0.0091
Acetone	100	0.05	0.012	U	0.012	U	0.012	U	0.0091	U	0.013	U	0.58	U	0.01	U	0.012	U	0.0091
Carbon disulfide	-	-	0.012	U	0.012	U	0.012	U	0.0091	U	0.013	U	0.58	U	0.01	U	0.012	U	0.0091
2-Butanone	100	0.12	0.012	U	0.012	U	0.012	U	0.0091	U	0.013	U	0.58	U	0.01	U	0.012	U	0.0091
Vinyl acetate	-	-	0.012	U	0.012	U	0.012	U	0.0091	U	0.013	U	0.58	U	0.01	U	0.012	U	0.0091
4-Methyl-2-pentanone	-	-	0.012	U	0.012	U	0.012	U	0.0091	U	0.013	U	0.58	U	0.01	U	0.012	U	0.0091
1,2,3-Trichloropropane	-	-	0.0024	U	0.0024	U	0.0024	U	0.0018	U	0.0026	U	0.12	U	0.002	U	0.0024	U	0.0018
2-Hexanone	-	-	0.012	U	0.012	U	0.012	U	0.0091	U	0.013	U	0.58	U	0.01	U	0.012	U	0.0091
Bromochloromethane	-	-	0.0024	U	0.0024	U	0.0024	U	0.0018	U	0.0026	U	0.12	U	0.002	U	0.0024	U	0.0018
2,2-Dichloropropane	-	-	0.0024	U	0.0024	U	0.0024	U	0.0018	U	0.0026	U	0.12	U	0.002	U	0.0024	U	0.0018
1,2-Dibromoethane	-	-	0.0012	U	0.0012	U	0.0012	U	0.00091	U	0.0013	U	0.058	U	0.001	U	0.0012	U	0.00091
1,3-Dichloropropane	-	-	0.0024	U	0.0024	U	0.0024	U	0.0018	U	0.0026	U	0.12	U	0.002	U	0.0024	U	0.0018
1,1,1,2-Tetrachloroethane	-	-	0.0006	U	0.00059	U	0.00061	U	0.00045	U	0.00064	U	0.029	U	0.00051	U	0.00059	U	0.00045
Bromobenzene	-	-	0.0024	U	0.0024	U	0.0024	U	0.0018	U	0.0026	U	0.12	U	0.002	U	0.0024	U	0.0018
n-Butylbenzene	100	12	0.0012	U	0.0012	U	0.0012	U	0.00091	U	0.0013	U	0.035	J	0.001	U	0.0012	U	0.00091
sec-Butylbenzene	100	11	0.0012	U	0.0012	U	0.0012	U	0.00091	U	0.0013	U	0.011	J	0.001	U	0.0012	U	0.00091
tert-Butylbenzene	100	5.9	0.0024	U	0.0024	U	0.0024	U	0.0018	U	0.0026	U	0.12	U	0.002	U	0.0024	U	0.0018
o-Chlorotoluene	-	-	0.0024	U	0.0024	U	0.0024	U	0.0018	U	0.0026	U	0.12	U	0.002	U	0.0024	U	0.0018
p-Chlorotoluene	-	-	0.0024	U	0.0024	U	0.0024	U	0.0018	U	0.0026	U	0.12	U	0.002	U	0.0024	U	0.0018

Table 1: Soil Boring Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

SAMPLE ID	NYS Part 375 Restricted-Residential	NYS Part 375 Unrestricted	DUP-1 SRI-1 (25-25.5)		SRI-2 (0-0.5)		SRI-2 (30-30.5)		SRI-3 (2-2.5)		SRI-3 (28-28.5)		SRI-4 (1-1.5)		SRI-4 (26.5-27)		SRI-5 (1.5-2)		SRI-5 (27-27.5)
SAMPLING DATE			6/15/2021		6/15/2021		6/15/2021		6/14/2021		6/14/2021		6/14/2021		6/14/2021		6/14/2021		6/14/2021
LAB SAMPLE ID			L2132476-07		L2132476-01		L2132476-02		L2132198-01		L2132198-02		L2132198-03		L2132198-04		L2132198-05		L2132198-06
SAMPLE TYPE			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL
SAMPLE DEPTH (ft bgs)			25-25.5		0-0.5		30-30.5		2-2.5		28-28.5		1-1.5		26.5-27		1.5-2		27-27.5
			Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results
1,2-Dibromo-3-chloropropane	-	-	0.0036	U	0.0036	U	0.0036	U	0.0027	U	0.0039	U	0.18	U	0.0031	U	0.0036	U	0.0027
Hexachlorobutadiene	-	-	0.0048	U	0.0047	U	0.0048	U	0.0036	U	0.0052	U	0.23	U	0.0041	U	0.0047	U	0.0036
Isopropylbenzene	-	-	0.0012	U	0.0012	U	0.0012	U	0.00091	U	0.0013	U	**0.022**	**J**	0.001	U	0.0012	U	0.00091
p-Isopropyltoluene	-	-	0.0012	U	0.0012	U	0.0012	U	0.00091	U	0.0013	U	**0.1**		0.001	U	0.0012	U	0.00091
Naphthalene	100	12	0.0048	U	0.0047	U	0.0048	U	0.0036	U	0.0052	U	**0.087**	**J**	0.0041	U	0.0047	U	**0.01**
Acrylonitrile	-	-	0.0048	U	0.0047	U	0.0048	U	0.0036	U	0.0052	U	0.23	U	0.0041	U	0.0047	U	0.0036
n-Propylbenzene	100	3.9	0.0012	U	0.0012	U	0.0012	U	0.00091	U	0.0013	U	**0.072**		0.001	U	0.0012	U	0.00091
1,2,3-Trichlorobenzene	-	-	0.0024	U	0.0024	U	0.0024	U	0.0018	U	0.0026	U	0.12	U	0.002	U	0.0024	U	0.0018
1,2,4-Trichlorobenzene	-	-	0.0024	U	0.0024	U	0.0024	U	0.0018	U	0.0026	U	0.12	U	0.002	U	0.0024	U	0.0018
1,3,5-Trimethylbenzene	52	8.4	0.0024	U	0.0024	U	0.0024	U	0.0018	U	0.0026	U	**0.076**	**J**	0.002	U	0.0024	U	0.0018
1,2,4-Trimethylbenzene	52	3.6	0.0024	U	0.0024	U	0.0024	U	0.0018	U	0.0026	U	**0.21**		0.002	U	0.0024	U	0.0018
1,4-Dioxane	13	0.1	0.096	U	0.095	U	0.097	U	0.073	U	0.1	U	4.7	U	0.082	U	0.095	U	0.073
p-Diethylbenzene	-	-	0.0024	U	0.0024	U	0.0024	U	0.0018	U	0.0026	U	**0.024**	**J**	0.002	U	0.0024	U	0.0018
p-Ethyltoluene	-	-	0.0024	U	0.0024	U	0.0024	U	0.0018	U	0.0026	U	**0.26**		0.002	U	0.0024	U	0.0018
1,2,4,5-Tetramethylbenzene	-	-	0.0024	U	0.0024	U	0.0024	U	0.0018	U	0.0026	U	**0.02**	**J**	0.002	U	0.0024	U	0.0018
Ethyl ether	-	-	0.0024	U	0.0024	U	0.0024	U	0.0018	U	0.0026	U	0.12	U	0.002	U	0.0024	U	0.0018
trans-1,4-Dichloro-2-butene	-	-	0.006	U	0.0059	U	0.0061	U	0.0045	U	0.0064	U	0.29	U	0.0051	U	0.0059	U	0.0045
Semivolatile Organics by GC/MS (mg/kg)																			
Acenaphthene	100	20	0.14	U	0.14	U	0.14	U	**0.14**	**J**	0.15	U	**0.04**	**J**	0.14	U	0.91		0.94
1,2,4-Trichlorobenzene	-	-	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	0.19	U	0.18	U	0.18	U	0.17
Hexachlorobenzene	1.2	0.33	0.11	U	0.11	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.1
Bis(2-chloroethyl)ether	-	-	0.16	U	0.16	U	0.16	U	0.17	U	0.17	U	0.17	U	0.16	U	0.16	U	0.16
2-Chloronaphthalene	-	-	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	0.19	U	0.18	U	0.18	U	0.17
1,2-Dichlorobenzene	100	1.1	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	0.19	U	0.18	U	0.18	U	0.17
1,3-Dichlorobenzene	49	2.4	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	0.19	U	0.18	U	0.18	U	0.17
1,4-Dichlorobenzene	13	1.8	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	**0.042**	**J**	0.18	U	0.18	U	0.17
3,3'-Dichlorobenzidine	-	-	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	0.19	U	0.18	U	0.18	U	0.17
2,4-Dinitrotoluene	-	-	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	0.19	U	0.18	U	0.18	U	0.17
2,6-Dinitrotoluene	-	-	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	0.19	U	0.18	U	0.18	U	0.17
Fluoranthene	100	100	0.11	U	**0.089**	**J**	0.1	U	**2**		0.11	U	**0.91**		0.11	U	**4.1**		**4.8**
4-Chlorophenyl phenyl ether	-	-	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	0.19	U	0.18	U	0.18	U	0.17
4-Bromophenyl phenyl ether	-	-	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	0.19	U	0.18	U	0.18	U	0.17
Bis(2-chloroisopropyl)ether	-	-	0.22	U	0.22	U	0.21	U	0.22	U	0.22	U	0.23	U	0.22	U	0.22	U	0.21
Bis(2-chloroethoxy)methane	-	-	0.19	U	0.2	U	0.19	U	0.2	U	0.2	U	0.2	U	0.19	U	0.2	U	0.19
Hexachlorobutadiene	-	-	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	0.19	U	0.18	U	0.18	U	0.17
Hexachlorocyclopentadiene	-	-	0.52	U	0.52	U	0.5	U	0.53	U	0.53	U	0.54	U	0.51	U	0.52	U	0.5
Hexachloroethane	-	-	0.14	U	0.14	U	0.14	U	0.15	U	0.15	U	0.15	U	0.14	U	0.15	U	0.14
Isophorone	-	-	0.16	U	0.16	U	0.16	U	0.17	U	0.17	U	0.17	U	0.16	U	0.16	U	0.16
Naphthalene	100	12	0.18	U	0.18	U	0.18	U	0.043	J	0.18	U	0.076	J	0.18	U	**0.62**		**0.67**
Nitrobenzene	-	-	0.16	U	0.16	U	0.16	U	0.17	U	0.17	U	0.17	U	0.16	U	0.16	U	0.16
NDPA/DPA	-	-	0.14	U	0.14	U	0.14	U	0.15	U	0.15	U	0.15	U	0.14	U	0.15	U	0.14
n-Nitrosodi-n-propylamine	-	-	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	0.19	U	0.18	U	0.18	U	0.17
Bis(2-ethylhexyl)phthalate	-	-	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	**0.67**		**0.11**	**J**	**0.33**		**0.077**
Butyl benzyl phthalate	-	-	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	**7.2**		0.18	U	**0.048**	**J**	0.17
Di-n-butylphthalate	-	-	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	0.19	U	0.18	U	**0.086**	**J**	0.17
Di-n-octylphthalate	-	-	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	0.19	U	0.18	U	0.18	U	0.17
Diethyl phthalate	-	-	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	0.19	U	0.18	U	0.18	U	0.17
Dimethyl phthalate	-	-	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	0.19	U	0.18	U	0.18	U	0.17
Benzo(a)anthracene	1	1	0.11	U	0.052	J	0.1	U	**0.92**		0.11	U	**0.51**		0.11	U	**2.2**		**2.8**
Benzo(a)pyrene	1	1	0.14	U	0.05	J	0.14	U	**0.77**		0.15	U	**0.5**		0.14	U	**1.6**		**2.1**
Benzo(b)fluoranthene	1	1	0.11	U	**0.064**	**J**	0.1	U	**0.97**		0.11	U	**0.71**		0.11	U	**2.2**		**2.6**
Benzo(k)fluoranthene	3.9	0.8	0.11	U	0.11	U	0.1	U	**0.35**		0.11	U	**0.21**		0.11	U	**0.79**		**0.85**
Chrysene	3.9	1	0.11	U	**0.043**	**J**	0.1	U	**0.87**		0.11	U	**0.53**		0.11	U	**1.8**		**2.5**
Acenaphthylene	100	100	0.14	U	0.14	U	0.14	U	**0.092**	**J**	0.15	U	**0.065**	**J**	0.14	U	**0.1**	**J**	**0.23**
Anthracene	100	100	0.11	U	0.11	U	0.1	U	**0.38**		0.11	U	**0.12**		0.11	U	**1.2**		**1.3**
Benzo(ghi)perylene	100	100	0.14	U	**0.038**	**J**	0.14	U	**0.4**		0.15	U	**0.41**		0.14	U	**0.96**		**1.1**
Fluorene	100	30	0.18	U	0.18	U	0.18	U	**0.12**	**J**	0.18	U	**0.036**	**J**	0.18	U	**0.6**		**0.7**
Phenanthrene	100	100	0.11	U	**0.045**	**J**	0.1	U	**1.6**		0.11	U	**0.49**		0.11	U	**4**		**5**
Dibenzo(a,h)anthracene	0.33	0.33	0.11	U	0.11	U	0.1	U	**0.11**		0.11	U	**0.12**		0.11	U	**0.25**		**0.28**
Indeno(1,2,3-cd)pyrene	0.5	0.5	0.14	U	**0.033**	**J**	0.14	U	**0.44**		0.15	U	**0.4**		0.14	U	**1.1**		**1.2**
Pyrene	100	100	0.11	U	**0.075**	**J**	0.1	U	**1.8**		0.11	U	**0.8**		0.11	U	**3.4**		**4.8**
Biphenyl	-	-	0.41	U	0.41	U	0.4	U	0.42	U	0.42	U	0.43	U	0.41	U	**0.049**	**J**	**0.058**
4-Chloroaniline	-	-	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	0.19	U	0.18	U	0.18	U	0.17
2-Nitroaniline	-	-	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	0.19	U	0.18	U	0.18	U	0.17

Table 1: Soil Boring Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

SAMPLE ID	NYS Part 375 Restricted-Residential	NYS Part 375 Unrestricted	DUP-1 SRI-1 (25-25.5)		SRI-2 (0-0.5)		SRI-2 (30-30.5)		SRI-3 (2-2.5)		SRI-3 (28-28.5)		SRI-4 (1-1.5)		SRI-4 (26.5-27)		SRI-5 (1.5-2)		SRI-5 (27-27.5)
SAMPLING DATE			6/15/2021		6/15/2021		6/15/2021		6/14/2021		6/14/2021		6/14/2021		6/14/2021		6/14/2021		6/14/2021
LAB SAMPLE ID			L2132476-07		L2132476-01		L2132476-02		L2132198-01		L2132198-02		L2132198-03		L2132198-04		L2132198-05		L2132198-06
SAMPLE TYPE			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL
SAMPLE DEPTH (ft bgs)			25-25.5		0-0.5		30-30.5		2-2.5		28-28.5		1-1.5		26.5-27		1.5-2		27-27.5
			Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results
3-Nitroaniline	-	-	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	0.19	U	0.18	U	0.18	U	0.17
4-Nitroaniline	-	-	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	0.19	U	0.18	U	0.18	U	0.17
Dibenzofuran	59	7	0.18	U	0.18	U	0.18	U	**0.088**	**J**	0.18	U	**0.033**	**J**	0.18	U	**0.38**		**0.42**
1-Methylnaphthalene	-	-	NA		NA		NA		NA		NA		NA		NA		NA		NA
2-Methylnaphthalene	-	-	0.22	U	0.22	U	0.21	U	**0.028**	**J**	0.22	U	**0.025**	**J**	0.22	U	**0.19**	**J**	**0.22**
1,2,4,5-Tetrachlorobenzene	-	-	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	0.19	U	0.18	U	0.18	U	0.17
Acetophenone	-	-	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	**0.072**	**J**	0.18	U	0.18	U	0.17
2,4,6-Trichlorophenol	-	-	0.11	U	0.11	U	0.1	U	0.11	U	0.11	U	0.11	U	0.11	U	0.11	U	0.1
p-Chloro-m-cresol	-	-	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	0.19	U	0.18	U	0.18	U	0.17
2-Chlorophenol	-	-	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	0.19	U	0.18	U	0.18	U	0.17
2,4-Dichlorophenol	-	-	0.16	U	0.16	U	0.16	U	0.17	U	0.17	U	0.17	U	0.16	U	0.16	U	0.16
2,4-Dimethylphenol	-	-	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	0.19	U	0.18	U	0.18	U	0.17
2-Nitrophenol	-	-	0.39	U	0.39	U	0.38	U	0.4	U	0.4	U	0.41	U	0.39	U	0.39	U	0.38
4-Nitrophenol	-	-	0.25	U	0.25	U	0.24	U	0.26	U	0.26	U	0.26	U	0.25	U	0.26	U	0.24
2,4-Dinitrophenol	-	-	0.87	U	0.87	U	0.84	U	0.9	U	0.89	U	0.91	U	0.86	U	0.88	U	0.84
4,6-Dinitro-o-cresol	-	-	0.47	U	0.47	U	0.46	U	0.48	U	0.48	U	0.49	U	0.47	U	0.48	U	0.45
Pentachlorophenol	6.7	0.8	0.14	U	0.14	U	0.14	U	0.15	U	0.15	U	0.15	U	0.14	U	0.15	U	0.14
Phenol	100	0.33	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	**0.038**	**J**	0.18	U	0.18	U	0.17
2-Methylphenol	100	0.33	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	0.19	U	0.18	U	0.18	U	0.17
3-Methylphenol/4-Methylphenol	100	0.33	0.26	U	0.26	U	0.25	U	0.27	U	0.27	U	0.27	U	0.26	U	0.26	U	0.25
2,4,5-Trichlorophenol	-	-	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	0.19	U	0.18	U	0.18	U	0.17
Benzoic Acid	-	-	0.58	U	0.59	U	0.57	U	0.6	U	0.6	U	0.61	U	0.58	U	0.59	U	0.56
Benzyl Alcohol	-	-	0.18	U	0.18	U	0.18	U	0.19	U	0.18	U	0.19	U	0.18	U	0.18	U	0.17
Carbazole	-	-	0.18	U	0.18	U	0.18	U	**0.15**	**J**	0.18	U	**0.082**	**J**	0.18	U	**0.56**		**0.57**
1,4-Dioxane	13	0.1	0.027	U	0.027	U	0.026	U	0.028	U	0.028	U	0.028	U	0.027	U	0.027	U	0.026
Organochlorine Pesticides by GC																			
Delta-BHC	100	0.04	0.00173	U	0.00174	U	0.00164	U	0.00182	U	0.00178	U	0.00183	U	0.00172	U	0.00174	U	0.00168
Lindane	1.3	0.1	0.00072	U	0.000725	U	0.000685	U	0.000757	U	0.000743	U	0.000761	U	0.000715	U	0.000724	U	0.000701
Alpha-BHC	0.48	0.02	0.00072	U	0.000725	U	0.000685	U	0.000757	U	0.000743	U	0.000761	U	0.000715	U	0.000724	U	0.000701
Beta-BHC	0.36	0.036	0.00173	U	0.00174	U	0.00164	U	0.00182	U	0.00178	U	0.00183	U	0.00172	U	0.00174	U	0.00168
Heptachlor	2.1	0.042	0.000864	U	0.00087	U	0.000822	U	0.000908	U	0.000892	U	0.000914	U	0.000858	U	0.000868	U	0.000841
Aldrin	0.097	0.005	0.00173	U	0.00174	U	0.00164	U	0.00182	U	0.00178	U	0.00183	U	0.00172	U	0.00174	U	0.00168
Heptachlor epoxide	-	-	0.00324	U	0.00326	U	0.00308	U	0.0034	U	0.00334	U	0.00342	U	0.00322	U	0.00326	U	0.00315
Endrin	11	0.014	0.00072	U	0.000725	U	0.000685	U	0.000757	U	0.000743	U	0.000761	U	0.000715	U	0.000724	U	0.000701
Endrin aldehyde	-	-	0.00216	U	0.00218	U	0.00205	U	0.00227	U	0.00223	U	0.00228	U	0.00214	U	0.00217	U	0.0021
Endrin ketone	-	-	0.00173	U	0.00174	U	0.00164	U	0.00182	U	0.00178	U	0.00183	U	0.00172	U	0.00174	U	0.00168
Dieldrin	0.2	0.005	0.00108	U	0.00109	U	0.00103	U	0.00114	U	0.00112	U	**0.00655**	**P**	0.00107	U	0.00108	U	0.00105
4,4'-DDE	8.9	0.0033	0.00173	U	0.00174	U	0.00164	U	0.00182	U	0.00178	U	0.00183	U	0.00172	U	**0.00373**		0.00168
4,4'-DDD	13	0.0033	0.00173	U	0.00174	U	0.00164	U	0.00182	U	0.00178	U	**0.0183**	**P**	0.00172	U	**0.00643**		0.00168
4,4'-DDT	7.9	0.0033	0.00324	U	0.00326	U	0.00308	U	0.0034	U	0.00334	U	**0.0203**	**P**	0.00322	U	**0.0185**		0.00315
Endosulfan I	24	2.4	0.00173	U	0.00174	U	0.00164	U	0.00182	U	0.00178	U	0.00183	U	0.00172	U	0.00174	U	0.00168
Endosulfan II	24	2.4	0.00173	U	0.00174	U	0.00164	U	0.00182	U	0.00178	U	0.00183	U	0.00172	U	0.00174	U	0.00168
Endosulfan sulfate	24	2.4	0.00072	U	0.000725	U	0.000685	U	0.000757	U	0.000743	U	0.000761	U	0.000715	U	0.000724	U	0.000701
Methoxychlor	-	-	0.00324	U	0.00326	U	0.00308	U	0.0034	U	0.00334	U	0.00342	U	0.00322	U	0.00326	U	0.00315
Toxaphene	-	-	0.0324	U	0.0326	U	0.0308	U	0.034	U	0.0334	U	0.0342	U	0.0322	U	0.0326	U	0.0315
cis-Chlordane	4.2	0.094	0.00216	U	0.00218	U	0.00205	U	0.00227	U	0.00223	U	0.00228	U	0.00214	U	**0.00579**		0.0021
trans-Chlordane	-	-	0.00216	U	0.00218	U	0.00205	U	0.00227	U	0.00223	U	0.00228	U	0.00214	U	**0.00325**		0.0021
Chlordane	-	-	0.0144	U	0.0145	U	0.0137	U	0.0151	U	0.0149	U	0.0152	U	0.0143	U	0.0145	U	0.014
Perfluorinated Alkyl Acids by Isotope Dilution (mg/kg)																			
Perfluorobutanoic Acid (PFBA)	-	-	0.00049	U	0.000527	U	0.000478	U	0.000524	U	0.000532	U	**0.000035**	**J**	0.000477	U	0.000533	U	0.000489
Perfluoropentanoic Acid (PFPeA)	-	-	0.00049	U	0.000527	U	0.000478	U	0.000524	U	0.000532	U	**0.000098**	**J**	0.000477	U	0.000533	U	0.000489
Perfluorobutanesulfonic Acid (PFBS)	-	-	0.000245	U	0.000263	U	0.000239	U	0.000262	U	0.000266	U	0.000255	U	0.000239	U	0.000267	U	0.000244
Perfluorohexanoic Acid (PFHxA)	-	-	**0.000053**	**J**	**0.000074**	**J**	**0.000051**	**J**	**0.000068**	**J**	0.000532	U	**0.000132**	**J**	**0.000056**	**J**	**0.000085**	**J**	0.000489
Perfluoroheptanoic Acid (PFHpA)	-	-	0.000245	U	0.000263	U	0.000239	U	0.000262	U	0.000266	U	**0.000056**	**J**	0.000239	U	0.000267	U	0.000244
Perfluorohexanesulfonic Acid (PFHxS)	-	-	0.000245	U	**0.000085**	**J**	0.000239	U	0.000262	U	0.000266	U	**0.00007**	**J**	0.000239	U	**0.000088**	**J**	0.000244
Perfluorooctanoic Acid (PFOA)	0.33	0.00066	**0.000085**	**J**	**0.0001**	**J**	**0.000124**	**J**	0.000262	U	0.000266	U	**0.000213**	**J**	**0.000134**	**J**	**0.00016**	**J**	**0.000126**
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	-	-	0.00049	U	0.000527	U	0.000478	U	0.000524	U	0.000532	U	0.00051	U	0.000477	U	0.000533	U	0.000489
Perfluoroheptanesulfonic Acid (PFHpS)	-	-	0.00049	U	0.000527	U	0.000478	U	0.000524	U	0.000532	U	0.00051	U	0.000477	U	0.000533	U	0.000489
Perfluorononanoic Acid (PFNA)	-	-	0.000245	U	0.000263	U	0.000239	U	0.000262	U	0.000266	U	0.000255	U	0.000239	U	0.000267	U	0.000244
Perfluorooctanesulfonic Acid (PFOS)	0.44	0.00088	**0.000303**		**0.00326**		**0.000189**	**JF**	0.000262	U	0.000266	U	**0.00293**		**0.000644**		**0.00344**		0.000244
Perfluorodecanoic Acid (PFDA)	-	-	0.000245	U	**0.000079**	**J**	0.000239	U	0.000262	U	0.000266	U	**0.000093**	**JF**	0.000239	U	**0.000119**	**J**	0.000244
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	-	-	0.00049	U	0.000527	U	0.000478	U	0.000524	U	0.000532	U	0.00051	U	0.000477	U	0.000533	U	0.000489
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	-	-	0.00049	U	0.000527	U	0.000478	U	**0.000286**	**J**	**0.000249**	**J**	0.00051	U	0.000477	U	0.000533	U	0.000489
Perfluoroundecanoic Acid (PFUnA)	-	-	0.00049	U	0.000527	U	0.000478	U	0.000524	U	0.000532	U	**0.000083**	**J**	0.000477	U	**0.000141**	**J**	0.000489

Table 1: Soil Boring Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

SAMPLE ID	NYS Part 375 Restricted-Residential	NYS Part 375 Unrestricted	DUP-1 SRI-1 (25-25.5)		SRI-2 (0-0.5)		SRI-2 (30-30.5)		SRI-3 (2-2.5)		SRI-3 (28-28.5)		SRI-4 (1-1.5)		SRI-4 (26.5-27)		SRI-5 (1.5-2)		SRI-5 (27-27.5)
SAMPLING DATE			6/15/2021		6/15/2021		6/15/2021		6/14/2021		6/14/2021		6/14/2021		6/14/2021		6/14/2021		6/14/2021
LAB SAMPLE ID			L2132476-07		L2132476-01		L2132476-02		L2132198-01		L2132198-02		L2132198-03		L2132198-04		L2132198-05		L2132198-06
SAMPLE TYPE			SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL
SAMPLE DEPTH (ft bgs)			25-25.5		0-0.5		30-30.5		2-2.5		28-28.5		1-1.5		26.5-27		1.5-2		27-27.5
			Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results
Perfluorodecanesulfonic Acid (PFDS)	-	-	0.00049	U	**0.0116**		0.000478	U	0.000524	U	0.000532	U	**0.0038**		0.000255	J	**0.00151**		0.000489
Perfluorooctanesulfonamide (FOSA)	-	-	0.00049	U	0.000527	U	0.000478	U	0.000524	U	0.000532	U	0.00051	U	0.000477	U	0.000533	U	0.000489
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	-	-	0.00049	U	**0.000354**	**J**	**0.000128**	**J**	**0.000468**	**J**	**0.000236**	**J**	**0.000861**	**F**	0.000477	U	**0.000197**	**J**	0.000489
Perfluorododecanoic Acid (PFDoA)	-	-	0.00049	U	0.000527	U	0.000478	U	0.000524	U	0.000532	U	**0.000079**	**JF**	0.000477	U	0.000533	U	0.000489
Perfluorotridecanoic Acid (PFTrDA)	-	-	0.00049	U	0.000527	U	0.000478	U	0.000524	U	0.000532	U	0.00051	U	0.000477	U	0.000533	U	0.000489
Perfluorotetradecanoic Acid (PFTA)	-	-	0.00049	U	0.000057	J	0.000478	U	**0.000071**	**J**	**0.000061**	**J**	0.00051	U	0.000477	U	0.000533	U	0.000489
PFOA/PFOS, Total	-	-	**0.000388**	**J**	**0.00336**	**J**	**0.000313**	**J**	0.000262	U	0.000266	U	**0.00314**	**J**	**0.000778**	**J**	**0.0036**	**J**	**0.000126**
Polychlorinated Biphenyls by GC (mg/kg)																			
Aroclor 1016	1	0.1	0.0364	U	0.0362	U	0.0347	U	0.0366	U	0.037	U	0.0374	U	0.0359	U	0.0352	U	0.034
Aroclor 1221	1	0.1	0.0364	U	0.0362	U	0.0347	U	0.0366	U	0.037	U	0.0374	U	0.0359	U	0.0352	U	0.034
Aroclor 1232	1	0.1	0.0364	U	0.0362	U	0.0347	U	0.0366	U	0.037	U	0.0374	U	0.0359	U	0.0352	U	0.034
Aroclor 1242	1	0.1	0.0364	U	0.0362	U	0.0347	U	0.0366	U	0.037	U	0.0374	U	0.0359	U	0.0352	U	0.034
Aroclor 1248	1	0.1	0.0364	U	0.0362	U	0.0347	U	0.0366	U	0.037	U	0.0374	U	0.0359	U	0.0352	U	0.034
Aroclor 1254	1	0.1	0.0364	U	0.0362	U	0.0347	U	0.0366	U	0.037	U	0.0374	U	**0.00449**	**J**	0.0352	U	0.034
Aroclor 1260	1	0.1	0.0364	U	0.0362	U	0.0347	U	0.0366	U	0.037	U	0.0374	U	0.0359	U	**0.0147**	**J**	0.034
Aroclor 1262	1	0.1	0.0364	U	0.0362	U	0.0347	U	0.0366	U	0.037	U	0.0374	U	0.0359	U	0.0352	U	0.034
Aroclor 1268	1	0.1	0.0364	U	0.0362	U	0.0347	U	0.0366	U	0.037	U	0.0374	U	0.0359	U	0.0352	U	0.034
PCBs, Total	1	0.1	0.0364	U	0.0362	U	0.0347	U	0.0366	U	0.037	U	0.0374	U	**0.00449**	**J**	**0.0147**	**J**	0.034
Total Metals (mg/kg)																			
Aluminum, Total	-	-	**2220**		**6100**		**4770**		**9110**		**4330**		**8110**		**3270**		**5600**		**3580**
Antimony, Total	-	-	4.21	U	4.18	U	4.23	U	4.47	U	4.48	U	4.54	U	4.32	U	4.26	U	4.04
Arsenic, Total	16	13	**1.33**		**4.81**		**2.3**		**3.02**		**2.38**		**8.65**		**2.76**		**5.44**		**2.06**
Barium, Total	400	350	**15.5**		**203**		**49.9**		**24.8**		**27.9**		**201**		**33.2**		**58.2**		**31.6**
Beryllium, Total	72	7.2	**0.118**	**J**	**0.242**	**J**	**0.27**	**J**	**0.403**	**J**	**0.35**	**J**	**0.418**	**J**	**0.242**	**J**	**0.324**	**J**	**0.283**
Cadmium, Total	4.3	2.5	**0.194**	**J**	**0.778**	**J**	**0.533**	**J**	**0.188**	**J**	**0.242**	**J**	**0.809**	**J**	**0.242**	**J**	**0.384**	**J**	**0.162**
Calcium, Total	-	-	**851**		**6930**		**3110**		**874**		**1620**		**10300**		**1020**		**1430**		**2100**
Chromium, Total	-	-	**4.98**		**17.2**		**21**		**15.3**		**16.9**		**21.4**		**11.4**		**9.31**		**13.3**
Cobalt, Total	-	-	**2.58**		**5.91**		**8.34**		**7.52**		**5.75**		**6.22**		**5.13**		**7.06**		**3.84**
Copper, Total	270	50	**7.57**		**32.2**		**19.9**		**16.2**		**14.3**		**44.8**		**10.8**		**29**		**10**
Iron, Total	-	-	**6150**		**14000**		**16800**		**17000**		**13200**		**18200**		**12600**		**16300**		**9240**
Lead, Total	400	63	**4.36**		**163**		**8.68**		**15.9**		**4.96**		**192**		**5.9**		**37.6**		**17.2**
Magnesium, Total	-	-	**1430**		**2410**		**2680**		**2750**		**2610**		**2520**		**1830**		**1690**		**2480**
Manganese, Total	2000	1600	**143**		**280**		**420**		**240**		**319**		**283**		**288**		**290**		**214**
Mercury, Total	0.81	0.18	0.07	U	**0.253**		0.068	U	0.086	U	0.086	U	**0.211**		0.08	U	**0.144**		0.068
Nickel, Total	310	30	**5.93**		**18.2**		**25**		**16.7**		**18.6**		**18.8**		**15**		**10.4**		**11.8**
Potassium, Total	-	-	**311**		**809**		**1340**		**598**		**820**		**749**		**638**		**556**		**779**
Selenium, Total	180	3.9	1.68	U	1.67	U	1.69	U	1.79	U	**0.278**	**J**	**0.4**	**J**	1.73	U	**0.298**	**J**	**0.307**
Silver, Total	180	2	0.842	U	0.836	U	0.846	U	0.895	U	0.897	U	0.909	U	0.864	U	0.852	U	0.808
Sodium, Total	-	-	**68.4**	**J**	**87.2**	**J**	**179**		**79.1**	**J**	**113**	**J**	**321**		**132**	**J**	**73.9**	**J**	**137**
Thallium, Total	-	-	1.68	U	1.67	U	1.69	U	1.79	U	1.79	U	1.82	U	1.73	U	1.7	U	1.62
Vanadium, Total	-	-	**8.96**		**23.3**		**25.4**		**23.6**		**22.2**		**23.8**		**20.8**		**44.7**		**16.1**
Zinc, Total	10000	109	**14.4**		**169**		**37.5**		**34.4**		**26.7**		**212**		**22.8**		**188**		**23.3**

Table 1: Soil Boring Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

SAMPLE ID	NYS Part 375 Restricted-Residential	NYS Part 375 Unrestricted		SRI-6 (2-2.5)		SRI-6 (26.5-27)		SRI-7 (1.5-2)		SRI-7 (24.5-25)		SRI-8 (3.5-4)		SRI-8 (3.5-4)		SRI-8 (29.5-30)		DUP-2 SRI-8 (29.5-30)	
SAMPLING DATE				6/14/2021		6/14/2021		6/14/2021		6/14/2021		6/15/2021		6/15/2021		6/15/2021		6/15/2021	
LAB SAMPLE ID				L2132198-07		L2132198-08		L2132198-09		L2132198-10		L2132476-05		L2132476-05 R1		L2132476-06		L2132476-08	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft bgs)				2-2.5		26.5-27		1.5-2		24.5-25		3.5-4		3.5-4		29.5-30		29.5-30	
			Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
General Chemistry																			
Solids, Total	-	-		95.1		95.5		94.4		93.4		90.8		NA		96.4		96	
Volatile Organics by EPA 5035 (mg/kg)																			
Methylene chloride	100	0.05	U	0.0091	U	0.0051	U	0.0047	U	0.0052	U	0.0054	U	NA		0.0056	U	0.0046	U
1,1-Dichloroethane	26	0.27	U	0.0018	U	0.001	U	0.00094	U	0.001	U	0.0011	U	NA		0.0011	U	0.00093	U
Chloroform	49	0.37	U	0.0027	U	0.0015	U	0.0014	U	0.0016	U	0.0016	U	NA		0.0017	U	0.0014	U
Carbon tetrachloride	2.4	0.76	U	0.0018	U	0.001	U	0.00094	U	0.001	U	0.0011	U	NA		0.0011	U	0.00093	U
1,2-Dichloropropane	-	-	U	0.0018	U	0.001	U	0.00094	U	0.001	U	0.0011	U	NA		0.0011	U	0.00093	U
Dibromochloromethane	-	-	U	0.0018	U	0.001	U	0.00094	U	0.001	U	0.0011	U	NA		0.0011	U	0.00093	U
1,1,2-Trichloroethane	-	-	U	0.0018	U	0.001	U	0.00094	U	0.001	U	0.0011	U	NA		0.0011	U	0.00093	U
Tetrachloroethene	19	1.3		0.00091	U	**0.00048**	**J**	0.00047	U	0.00029	J	**0.00049**	**J**	NA		**0.0005**	**J**	**0.00034**	**J**
Chlorobenzene	100	1.1	U	0.00091	U	0.00051	U	0.00047	U	0.00052	U	0.00054	U	NA		0.00056	U	0.00046	U
Trichlorofluoromethane	-	-	U	0.0073	U	0.0041	U	0.0037	U	0.0041	U	0.0044	U	NA		0.0045	U	0.0037	U
1,2-Dichloroethane	3.1	0.02	U	0.0018	U	0.001	U	0.00094	U	0.001	U	0.0011	U	NA		0.0011	U	0.00093	U
1,1,1-Trichloroethane	100	0.68	U	0.00091	U	0.00051	U	0.00047	U	0.00052	U	0.00054	U	NA		0.00056	U	0.00046	U
Bromodichloromethane	-	-	U	0.00091	U	0.00051	U	0.00047	U	0.00052	U	0.00054	U	NA		0.00056	U	0.00046	U
trans-1,3-Dichloropropene	-	-	U	0.0018	U	0.001	U	0.00094	U	0.001	U	0.0011	U	NA		0.0011	U	0.00093	U
cis-1,3-Dichloropropene	-	-	U	0.00091	U	0.00051	U	0.00047	U	0.00052	U	0.00054	U	NA		0.00056	U	0.00046	U
1,3-Dichloropropene, Total	-	-	U	0.00091	U	0.00051	U	0.00047	U	0.00052	U	0.00054	U	NA		0.00056	U	0.00046	U
1,1-Dichloropropene	-	-	U	0.00091	U	0.00051	U	0.00047	U	0.00052	U	0.00054	U	NA		0.00056	U	0.00046	U
Bromoform	-	-	U	0.0073	U	0.0041	U	0.0037	U	0.0041	U	0.0044	U	NA		0.0045	U	0.0037	U
1,1,2,2-Tetrachloroethane	-	-	U	0.00091	U	0.00051	U	0.00047	U	0.00052	U	0.00054	U	NA		0.00056	U	0.00046	U
Benzene	4.8	0.06	U	0.00091	U	0.00051	U	0.00047	U	0.00052	U	0.00054	U	NA		0.00056	U	0.00046	U
Toluene	100	0.7	U	0.0018	U	0.001	U	0.00094	U	0.001	U	0.0011	U	NA		0.0011	U	0.00093	U
Ethylbenzene	41	1	U	0.0018	U	0.001	U	0.00094	U	0.001	U	0.0011	U	NA		0.0011	U	0.00093	U
Chloromethane	-	-	U	0.0073	U	0.0041	U	0.0037	U	0.0041	U	0.0044	U	NA		0.0045	U	0.0037	U
Bromomethane	-	-	U	0.0036	U	0.002	U	0.0019	U	0.0021	U	0.0022	U	NA		0.0022	U	0.0018	U
Vinyl chloride	0.9	0.02	U	0.0018	U	0.001	U	0.00094	U	0.001	U	0.0011	U	NA		0.0011	U	0.00093	U
Chloroethane	-	-	U	0.0036	U	0.002	U	0.0019	U	0.0021	U	0.0022	U	NA		0.0022	U	0.0018	U
1,1-Dichloroethene	100	0.33	U	0.0018	U	0.001	U	0.00094	U	0.001	U	0.0011	U	NA		0.0011	U	0.00093	U
trans-1,2-Dichloroethene	100	0.19	U	0.0027	U	0.0015	U	0.0014	U	0.0016	U	0.0016	U	NA		0.0017	U	0.0014	U
Trichloroethene	21	0.47	U	0.00091	U	0.00051	U	0.00047	U	0.00052	U	0.00054	U	NA		0.00056	U	0.00046	U
1,2-Dichlorobenzene	100	1.1	U	0.0036	U	0.002	U	0.0019	U	0.0021	U	0.0022	U	NA		0.0022	U	0.0018	U
1,3-Dichlorobenzene	49	2.4	U	0.0036	U	0.002	U	0.0019	U	0.0021	U	0.0022	U	NA		0.0022	U	0.0018	U
1,4-Dichlorobenzene	13	1.8	U	0.0036	U	0.002	U	0.0019	U	0.0021	U	0.0022	U	NA		0.0022	U	0.0018	U
Methyl tert butyl ether	100	0.93	U	0.0036	U	0.002	U	0.0019	U	0.0021	U	0.0022	U	NA		0.0022	U	0.0018	U
p/m-Xylene	-	-	U	0.0036	U	0.002	U	0.0019	U	0.0021	U	0.0022	U	NA		0.0022	U	0.0018	U
o-Xylene	-	-	U	0.0018	U	0.001	U	0.00094	U	0.001	U	0.0011	U	NA		0.0011	U	0.00093	U
Xylenes, Total	100	0.26	U	0.0018	U	0.001	U	0.00094	U	0.001	U	0.0011	U	NA		0.0011	U	0.00093	U
cis-1,2-Dichloroethene	100	0.25	U	0.0018	U	0.001	U	0.00094	U	0.001	U	0.0011	U	NA		0.0011	U	0.00093	U
1,2-Dichloroethene, Total	-	-	U	0.0018	U	0.001	U	0.00094	U	0.001	U	0.0011	U	NA		0.0011	U	0.00093	U
Dibromomethane	-	-	U	0.0036	U	0.002	U	0.0019	U	0.0021	U	0.0022	U	NA		0.0022	U	0.0018	U
Styrene	-	-	U	0.0018	U	0.001	U	0.00094	U	0.001	U	0.0011	U	NA		0.0011	U	0.00093	U
Dichlorodifluoromethane	-	-	U	0.018	U	0.01	U	0.0094	U	0.01	U	0.011	U	NA		0.011	U	0.0093	U
Acetone	100	0.05	U	0.018	U	0.01	U	0.0094	U	0.01	U	0.011	U	NA		0.011	U	0.0093	U
Carbon disulfide	-	-	U	0.018	U	0.01	U	0.0094	U	0.01	U	0.011	U	NA		0.011	U	0.0093	U
2-Butanone	100	0.12	U	0.018	U	0.01	U	0.0094	U	0.01	U	0.011	U	NA		0.011	U	0.0093	U
Vinyl acetate	-	-	U	0.018	U	0.01	U	0.0094	U	0.01	U	0.011	U	NA		0.011	U	0.0093	U
4-Methyl-2-pentanone	-	-	U	0.018	U	0.01	U	0.0094	U	0.01	U	0.011	U	NA		0.011	U	0.0093	U
1,2,3-Trichloropropane	-	-	U	0.0036	U	0.002	U	0.0019	U	0.0021	U	0.0022	U	NA		0.0022	U	0.0018	U
2-Hexanone	-	-	U	0.018	U	0.01	U	0.0094	U	0.01	U	0.011	U	NA		0.011	U	0.0093	U
Bromochloromethane	-	-	U	0.0036	U	0.002	U	0.0019	U	0.0021	U	0.0022	U	NA		0.0022	U	0.0018	U
2,2-Dichloropropane	-	-	U	0.0036	U	0.002	U	0.0019	U	0.0021	U	0.0022	U	NA		0.0022	U	0.0018	U
1,2-Dibromoethane	-	-	U	0.0018	U	0.001	U	0.00094	U	0.001	U	0.0011	U	NA		0.0011	U	0.00093	U
1,3-Dichloropropane	-	-	U	0.0036	U	0.002	U	0.0019	U	0.0021	U	0.0022	U	NA		0.0022	U	0.0018	U
1,1,1,2-Tetrachloroethane	-	-	U	0.00091	U	0.00051	U	0.00047	U	0.00052	U	0.00054	U	NA		0.00056	U	0.00046	U
Bromobenzene	-	-	U	0.0036	U	0.002	U	0.0019	U	0.0021	U	0.0022	U	NA		0.0022	U	0.0018	U
n-Butylbenzene	100	12	U	0.0018	U	0.001	U	0.00094	U	0.001	U	0.0011	U	NA		0.0011	U	0.00093	U
sec-Butylbenzene	100	11	U	0.0018	U	0.001	U	0.00094	U	0.001	U	0.0011	U	NA		0.0011	U	0.00093	U
tert-Butylbenzene	100	5.9	U	0.0036	U	0.002	U	0.0019	U	0.0021	U	0.0022	U	NA		0.0022	U	0.0018	U
o-Chlorotoluene	-	-	U	0.0036	U	0.002	U	0.0019	U	0.0021	U	0.0022	U	NA		0.0022	U	0.0018	U
p-Chlorotoluene	-	-	U	0.0036	U	0.002	U	0.0019	U	0.0021	U	0.0022	U	NA		0.0022	U	0.0018	U

Table 1: Soil Boring Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

SAMPLE ID	NYS Part 375 Restricted-Residential	NYS Part 375 Unrestricted		SRI-6 (2-2.5)		SRI-6 (26.5-27)		SRI-7 (1.5-2)		SRI-7 (24.5-25)		SRI-8 (3.5-4)		SRI-8 (3.5-4)		SRI-8 (29.5-30)		DUP-2 SRI-8 (29.5-30)	
SAMPLING DATE				6/14/2021		6/14/2021		6/14/2021		6/14/2021		6/15/2021		6/15/2021		6/15/2021		6/15/2021	
LAB SAMPLE ID				L2132198-07		L2132198-08		L2132198-09		L2132198-10		L2132476-05		L2132476-05 R1		L2132476-06		L2132476-08	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft bgs)				2-2.5		26.5-27		1.5-2		24.5-25		3.5-4		3.5-4		29.5-30		29.5-30	
			Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
1,2-Dibromo-3-chloropropane	-	-	U	0.0054	U	0.0031	U	0.0028	U	0.0031	U	0.0033	U	NA		0.0034	U	0.0028	U
Hexachlorobutadiene	-	-	U	0.0073	U	0.0041	U	0.0037	U	0.0041	U	0.0044	U	NA		0.0045	U	0.0037	U
Isopropylbenzene	-	-	U	0.0018	U	0.001	U	0.00094	U	0.001	U	0.0011	U	NA		0.0011	U	0.00093	U
p-Isopropyltoluene	-	-	U	0.0018	U	0.001	U	0.00094	U	0.001	U	0.0011	U	NA		0.0011	U	0.00093	U
Naphthalene	100	12		0.0073	U	0.0041	U	0.0037	U	0.0041	U	0.0044	U	NA		0.0045	U	0.0037	U
Acrylonitrile	-	-	U	0.0073	U	0.0041	U	0.0037	U	0.0041	U	0.0044	U	NA		0.0045	U	0.0037	U
n-Propylbenzene	100	3.9	U	0.0018	U	0.001	U	0.00094	U	0.001	U	0.0011	U	NA		0.0011	U	0.00093	U
1,2,3-Trichlorobenzene	-	-	U	0.0036	U	0.002	U	0.0019	U	0.0021	U	0.0022	U	NA		0.0022	U	0.0018	U
1,2,4-Trichlorobenzene	-	-	U	0.0036	U	0.002	U	0.0019	U	0.0021	U	0.0022	U	NA		0.0022	U	0.0018	U
1,3,5-Trimethylbenzene	52	8.4	U	0.0036	U	0.002	U	0.0019	U	0.0021	U	0.0022	U	NA		0.0022	U	0.0018	U
1,2,4-Trimethylbenzene	52	3.6	U	0.0036	U	0.002	U	0.0019	U	0.0021	U	0.0022	U	NA		0.0022	U	0.0018	U
1,4-Dioxane	13	0.1	U	0.14	U	0.082	U	0.075	U	0.083	U	0.087	U	NA		0.09	U	0.074	U
p-Diethylbenzene	-	-	U	0.0036	U	0.002	U	0.0019	U	0.0021	U	0.0022	U	NA		0.0022	U	0.0018	U
p-Ethyltoluene	-	-	U	0.0036	U	0.002	U	0.0019	U	0.0021	U	0.0022	U	NA		0.0022	U	0.0018	U
1,2,4,5-Tetramethylbenzene	-	-	U	0.0036	U	0.002	U	0.0019	U	0.0021	U	0.0022	U	NA		0.0022	U	0.0018	U
Ethyl ether	-	-	U	0.0036	U	0.002	U	0.0019	U	0.0021	U	0.0022	U	NA		0.0022	U	0.0018	U
trans-1,4-Dichloro-2-butene	-	-	U	0.0091	U	0.0051	U	0.0047	U	0.0052	U	0.0054	U	NA		0.0056	U	0.0046	U
Semivolatile Organics by GC/MS (mg/kg)																			
Acenaphthene	100	20		0.19		0.14	U	0.033	J	0.14	U	1.2		NA		0.14	U	0.14	U
1,2,4-Trichlorobenzene	-	-	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	NA		0.17	U	0.17	U
Hexachlorobenzene	1.2	0.33	U	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	NA		0.1	U	0.1	U
Bis(2-chloroethyl)ether	-	-	U	0.16	U	0.15	U	0.16	U	0.16	U	0.16	U	NA		0.15	U	0.15	U
2-Chloronaphthalene	-	-	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	NA		0.17	U	0.17	U
1,2-Dichlorobenzene	100	1.1	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	NA		0.17	U	0.17	U
1,3-Dichlorobenzene	49	2.4	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	NA		0.17	U	0.17	U
1,4-Dichlorobenzene	13	1.8	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	NA		0.17	U	0.17	U
3,3'-Dichlorobenzidine	-	-	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	NA		0.17	U	0.17	U
2,4-Dinitrotoluene	-	-	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	NA		0.17	U	0.17	U
2,6-Dinitrotoluene	-	-	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	NA		0.17	U	0.17	U
Fluoranthene	100	100		**2.3**		0.1	U	**0.67**		0.1	U	**23**	**E**	**22**		**0.12**		**0.068**	**J**
4-Chlorophenyl phenyl ether	-	-	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	NA		0.17	U	0.17	U
4-Bromophenyl phenyl ether	-	-	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	NA		0.17	U	0.17	U
Bis(2-chloroisopropyl)ether	-	-	U	0.21	U	0.2	U	0.21	U	0.21	U	0.22	U	NA		0.21	U	0.21	U
Bis(2-chloroethoxy)methane	-	-	U	0.19	U	0.18	U	0.19	U	0.19	U	0.2	U	NA		0.18	U	0.18	U
Hexachlorobutadiene	-	-	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	NA		0.17	U	0.17	U
Hexachlorocyclopentadiene	-	-	U	0.5	U	0.49	U	0.5	U	0.5	U	0.52	U	NA		0.49	U	0.49	U
Hexachloroethane	-	-	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	NA		0.14	U	0.14	U
Isophorone	-	-	U	0.16	U	0.15	U	0.16	U	0.16	U	0.16	U	NA		0.15	U	0.15	U
Naphthalene	100	12		**0.075**	**J**	0.17	U	0.17	U	0.18	U	**0.46**		NA		0.17	U	0.17	U
Nitrobenzene	-	-	U	0.16	U	0.15	U	0.16	U	0.16	U	0.16	U	NA		0.15	U	0.15	U
NDPA/DPA	-	-	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	NA		0.14	U	0.14	U
n-Nitrosodi-n-propylamine	-	-	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	NA		0.17	U	0.17	U
Bis(2-ethylhexyl)phthalate	-	-	**J**	0.17	U	0.17	U	**0.31**		0.18	U	0.18	U	NA		0.17	U	0.17	U
Butyl benzyl phthalate	-	-	U	0.17	U	0.17	U	**0.048**	**J**	0.18	U	0.18	U	NA		0.17	U	0.17	U
Di-n-butylphthalate	-	-	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	NA		0.17	U	0.17	U
Di-n-octylphthalate	-	-	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	NA		0.17	U	0.17	U
Diethyl phthalate	-	-	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	NA		0.17	U	0.17	U
Dimethyl phthalate	-	-	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	NA		0.17	U	0.17	U
Benzo(a)anthracene	1	1		**1.1**		0.1	U	**0.36**		0.1	U	**12**	**E**	**12**		**0.059**	**J**	**0.036**	**J**
Benzo(a)pyrene	1	1		**0.8**		0.14	U	**0.3**		0.14	U	**11**	**E**	**9.2**		0.14	U	0.14	U
Benzo(b)fluoranthene	1	1		**1**		0.1	U	**0.43**		0.1	U	**13**	**E**	**11**		**0.057**	**J**	**0.032**	**J**
Benzo(k)fluoranthene	3.9	0.8		**0.37**		0.1	U	**0.13**		0.1	U	**3.9**		NA		0.1	U	0.1	U
Chrysene	3.9	1		**1**		0.1	U	**0.33**		0.1	U	**10**	**E**	**10**		**0.052**	**J**	**0.033**	**J**
Acenaphthylene	100	100		**0.045**	**J**	0.14	U	**0.049**	**J**	0.14	U	**1.7**		NA		0.14	U	0.14	U
Anthracene	100	100		**0.47**		0.1	U	**0.096**	**J**	0.1	U	**5.4**		NA		0.1	U	0.1	U
Benzo(ghi)perylene	100	100		**0.44**		0.14	U	**0.19**		0.14	U	**5**		NA		**0.022**	**J**	0.14	U
Fluorene	100	30		**0.19**		0.17	U	**0.033**	**J**	0.18	U	**1.8**		NA		0.17	U	0.17	U
Phenanthrene	100	100		**2.3**		0.1	U	**0.4**		0.1	U	**18**	**E**	18		**0.07**	**J**	**0.046**	**J**
Dibenzo(a,h)anthracene	0.33	0.33		**0.12**		0.1	U	**0.05**	**J**	0.1	U	**1.4**		NA		0.1	U	0.1	U
Indeno(1,2,3-cd)pyrene	0.5	0.5		**0.51**		0.14	U	**0.22**		0.14	U	**6.1**		NA		**0.024**	**J**	0.14	U
Pyrene	100	100		**1.9**		0.1	U	**0.57**		0.1	U	**20**	**E**	20		**0.1**		**0.059**	**J**
Biphenyl	-	-	**J**	0.4	U	0.39	U	0.4	U	0.4	U	**0.12**	**J**	NA		0.39	U	0.39	U
4-Chloroaniline	-	-	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	NA		0.17	U	0.17	U
2-Nitroaniline	-	-	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	NA		0.17	U	0.17	U

Table 1: Soil Boring Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

SAMPLE ID	NYS Part 375 Restricted-Residential	NYS Part 375 Unrestricted		SRI-6 (2-2.5)		SRI-6 (26.5-27)		SRI-7 (1.5-2)		SRI-7 (24.5-25)		SRI-8 (3.5-4)		SRI-8 (3.5-4)		SRI-8 (29.5-30)		DUP-2 SRI-8 (29.5-30)	
SAMPLING DATE				6/14/2021		6/14/2021		6/14/2021		6/14/2021		6/15/2021		6/15/2021		6/15/2021		6/15/2021	
LAB SAMPLE ID				L2132198-07		L2132198-08		L2132198-09		L2132198-10		L2132476-05		L2132476-05 R1		L2132476-06		L2132476-08	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft bgs)				2-2.5		26.5-27		1.5-2		24.5-25		3.5-4		3.5-4		29.5-30		29.5-30	
			Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
3-Nitroaniline	-	-	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	NA		0.17	U	0.17	U
4-Nitroaniline	-	-	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	NA		0.17	U	0.17	U
Dibenzofuran	59	7		**0.13**	**J**	0.17	U	**0.017**	**J**	0.18	U	**0.99**		NA		0.17	U	0.17	U
1-Methylnaphthalene	-	-		NA		NA		NA		NA		NA		NA		NA		NA	
2-Methylnaphthalene	-	-		**0.042**	**J**	0.2	U	0.21	U	0.21	U	**0.33**		NA		0.21	U	0.21	U
1,2,4,5-Tetrachlorobenzene	-	-	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	NA		0.17	U	0.17	U
Acetophenone	-	-	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	NA		0.17	U	0.17	U
2,4,6-Trichlorophenol	-	-	U	0.1	U	0.1	U	0.1	U	0.1	U	0.11	U	NA		0.1	U	0.1	U
p-Chloro-m-cresol	-	-	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	NA		0.17	U	0.17	U
2-Chlorophenol	-	-	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	NA		0.17	U	0.17	U
2,4-Dichlorophenol	-	-	U	0.16	U	0.15	U	0.16	U	0.16	U	0.16	U	NA		0.15	U	0.15	U
2,4-Dimethylphenol	-	-	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	NA		0.17	U	0.17	U
2-Nitrophenol	-	-	U	0.38	U	0.37	U	0.38	U	0.38	U	0.39	U	NA		0.37	U	0.37	U
4-Nitrophenol	-	-	U	0.24	U	0.24	U	0.24	U	0.24	U	0.25	U	NA		0.24	U	0.24	U
2,4-Dinitrophenol	-	-	U	0.84	U	0.82	U	0.83	U	0.84	U	0.87	U	NA		0.82	U	0.82	U
4,6-Dinitro-o-cresol	-	-	U	0.45	U	0.44	U	0.45	U	0.46	U	0.47	U	NA		0.45	U	0.45	U
Pentachlorophenol	6.7	0.8	U	0.14	U	0.14	U	0.14	U	0.14	U	0.14	U	NA		0.14	U	0.14	U
Phenol	100	0.33	U	0.17	U	0.17	U	0.17	U	0.18	U	**0.068**	**J**	NA		0.17	U	0.17	U
2-Methylphenol	100	0.33	U	0.17	U	0.17	U	0.17	U	0.18	U	**0.034**	**J**	NA		0.17	U	0.17	U
3-Methylphenol/4-Methylphenol	100	0.33	U	0.25	U	0.24	U	0.25	U	0.25	U	**0.11**	**J**	NA		0.25	U	0.25	U
2,4,5-Trichlorophenol	-	-	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	NA		0.17	U	0.17	U
Benzoic Acid	-	-	U	0.56	U	0.55	U	0.56	U	0.57	U	0.59	U	NA		0.56	U	0.56	U
Benzyl Alcohol	-	-	U	0.17	U	0.17	U	0.17	U	0.18	U	0.18	U	NA		0.17	U	0.17	U
Carbazole	-	-		**0.27**		0.17	U	**0.054**	**J**	0.18	U	**0.98**		NA		0.17	U	0.17	U
1,4-Dioxane	13	0.1	U	0.026	U	0.026	U	0.026	U	0.026	U	0.027	U	NA		0.026	U	0.026	U
Organochlorine Pesticides by GC																			
Delta-BHC	100	0.04	U	0.00163	U	0.00163	U	0.0016	U	0.00168	U	0.00172	U	NA		0.00158	U	0.0016	U
Lindane	1.3	0.1	U	0.000679	U	0.000679	U	0.000665	U	0.000699	U	0.000717	U	NA		0.00066	U	0.000665	U
Alpha-BHC	0.48	0.02	U	0.000679	U	0.000679	U	0.000665	U	0.000699	U	0.000717	U	NA		0.00066	U	0.000665	U
Beta-BHC	0.36	0.036	U	0.00163	U	0.00163	U	0.0016	U	0.00168	U	0.00172	U	NA		0.00158	U	0.0016	U
Heptachlor	2.1	0.042	U	0.000815	U	0.000814	U	0.000798	U	0.000839	U	0.00086	U	NA		0.000792	U	0.000798	U
Aldrin	0.097	0.005	U	0.00163	U	0.00163	U	0.0016	U	0.00168	U	0.00172	U	NA		0.00158	U	0.0016	U
Heptachlor epoxide	-	-	U	0.00306	U	0.00305	U	0.00299	U	0.00315	U	0.00323	U	NA		0.00297	U	0.00299	U
Endrin	11	0.014	U	0.000679	U	0.000679	U	0.000665	U	0.000699	U	0.000717	U	NA		0.00066	U	0.000665	U
Endrin aldehyde	-	-	U	0.00204	U	0.00204	U	0.00199	U	0.0021	U	0.00215	U	NA		0.00198	U	0.002	U
Endrin ketone	-	-	U	0.00163	U	0.00163	U	0.0016	U	0.00168	U	0.00172	U	NA		0.00158	U	0.0016	U
Dieldrin	0.2	0.005	U	0.00102	U	0.00102	U	**0.00206**		0.00105	U	0.00108	U	NA		0.00099	U	0.000998	U
4,4'-DDE	8.9	0.0033	U	0.00163	U	0.00163	U	**0.00399**		0.00168	U	0.00172	U	NA		0.00158	U	0.0016	U
4,4'-DDD	13	0.0033	U	0.00163	U	0.00163	U	**0.00179**		0.00168	U	0.00172	U	NA		0.00158	U	0.0016	U
4,4'-DDT	7.9	0.0033	U	0.00306	U	0.00305	U	**0.0158**		0.00315	U	0.00323	U	NA		0.00297	U	0.00299	U
Endosulfan I	24	2.4	U	0.00163	U	0.00163	U	0.0016	U	0.00168	U	0.00172	U	NA		0.00158	U	0.0016	U
Endosulfan II	24	2.4	U	0.00163	U	0.00163	U	0.0016	U	0.00168	U	0.00172	U	NA		0.00158	U	0.0016	U
Endosulfan sulfate	24	2.4	U	0.000679	U	0.000679	U	0.000665	U	0.000699	U	0.000717	U	NA		0.00066	U	0.000665	U
Methoxychlor	-	-	U	0.00306	U	0.00305	U	0.00299	U	0.00315	U	0.00323	U	NA		0.00297	U	0.00299	U
Toxaphene	-	-	U	0.0306	U	0.0305	U	0.0299	U	0.0315	U	0.0323	U	NA		0.0297	U	0.0299	U
cis-Chlordane	4.2	0.094	U	0.00204	U	0.00204	U	**0.00753**		0.0021	U	0.00215	U	NA		0.00198	U	0.002	U
trans-Chlordane	-	-	U	0.00204	U	0.00204	U	**0.0062**		0.0021	U	0.00215	U	NA		0.00198	U	0.002	U
Chlordane	-	-	U	0.0136	U	0.0136	U	0.0133	U	0.014	U	0.0143	U	NA		0.0132	U	0.0133	U
Perfluorinated Alkyl Acids by Isotope Dilution (mg/kg)																			
Perfluorobutanoic Acid (PFBA)	-	-	U	0.000466	U	0.00048	U	0.000508	U	0.000499	U	**0.000043**	**J**	NA		0.000474	U	0.000479	U
Perfluoropentanoic Acid (PFPeA)	-	-	U	**0.000064**	**J**	0.00048	U	0.000508	U	0.000499	U	**0.000055**	**J**	NA		0.000474	U	0.000479	U
Perfluorobutanesulfonic Acid (PFBS)	-	-	U	0.000233	U	0.00024	U	0.000254	U	0.00025	U	0.000245	U	NA		0.000237	U	0.000239	U
Perfluorohexanoic Acid (PFHxA)	-	-	U	**0.000102**	**J**	**0.000052**	**J**	**0.000054**	**J**	0.000499	U	**0.000085**	**J**	NA		0.000474	U	0.000479	U
Perfluoroheptanoic Acid (PFHpA)	-	-	U	0.000233	U	0.00024	U	0.000254	U	0.00025	U	0.000245	U	NA		0.000237	U	0.000239	U
Perfluorohexanesulfonic Acid (PFHxS)	-	-	U	0.000233	U	0.00024	U	0.000254	U	0.00025	U	0.000245	U	NA		0.000237	U	0.000239	U
Perfluorooctanoic Acid (PFOA)	0.33	0.00066	**J**	**0.000066**	**J**	0.00024	U	0.000254	U	**0.000146**	**J**	**0.000081**	**J**	NA		0.000237	U	0.000239	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	-	-	U	0.000466	U	0.00048	U	0.000508	U	0.000499	U	0.000489	U	NA		0.000474	U	0.000479	U
Perfluoroheptanesulfonic Acid (PFHpS)	-	-	U	0.000466	U	0.00048	U	0.000508	U	0.000499	U	0.000489	U	NA		0.000474	U	0.000479	U
Perfluorononanoic Acid (PFNA)	-	-	U	0.000233	U	0.00024	U	0.000254	U	0.00025	U	0.000245	U	NA		0.000237	U	0.000239	U
Perfluorooctanesulfonic Acid (PFOS)	0.44	0.00088	U	**0.000132**	**J**	0.00024	U	0.000254	U	0.00025	U	**0.000648**		NA		0.000237	U	0.000239	U
Perfluorodecanoic Acid (PFDA)	-	-	U	**0.000076**	**J**	0.00024	U	0.000254	U	0.00025	U	**0.000154**	**J**	NA		0.000237	U	0.000239	U
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	-	-	U	0.000466	U	0.00048	U	0.000508	U	0.000499	U	0.000489	U	NA		0.000474	U	0.000479	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	-	-	U	**0.000567**		0.00048	U	0.000508	U	0.000499	U	0.000489	U	NA		0.000474	U	0.000479	U
Perfluoroundecanoic Acid (PFUnA)	-	-	U	**0.000156**	**J**	0.00048	U	0.000508	U	0.000499	U	0.000489	U	NA		0.000474	U	0.000479	U

Table 1: Soil Boring Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

SAMPLE ID	NYS Part 375 Restricted-Residential	NYS Part 375 Unrestricted		SRI-6 (2-2.5)		SRI-6 (26.5-27)		SRI-7 (1.5-2)		SRI-7 (24.5-25)		SRI-8 (3.5-4)		SRI-8 (3.5-4)		SRI-8 (29.5-30)		DUP-2 SRI-8 (29.5-30)	
SAMPLING DATE				6/14/2021		6/14/2021		6/14/2021		6/14/2021		6/15/2021		6/15/2021		6/15/2021		6/15/2021	
LAB SAMPLE ID				L2132198-07		L2132198-08		L2132198-09		L2132198-10		L2132476-05		L2132476-05 R1		L2132476-06		L2132476-08	
SAMPLE TYPE				SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft bgs)				2-2.5		26.5-27		1.5-2		24.5-25		3.5-4		3.5-4		29.5-30		29.5-30	
			Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Perfluorodecanesulfonic Acid (PFDS)	-	-	U	0.000466	U	0.00048	U	0.000508	U	0.000499	U	0.000489	U	NA		0.000474	U	0.000479	U
Perfluorooctanesulfonamide (FOSA)	-	-	U	0.000466	U	0.00048	U	0.000508	U	0.000499	U	0.000489	U	NA		0.000474	U	0.000479	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	-	-	U	**0.000562**		**0.00018**	**J**	**0.00009**	**J**	0.000499	U	**0.000095**	**J**	NA		0.000474	U	0.000479	U
Perfluorododecanoic Acid (PFDoA)	-	-	U	**0.00016**	**J**	0.00048	U	0.000508	U	0.000499	U	0.000489	U	NA		0.000474	U	0.000479	U
Perfluorotridecanoic Acid (PFTrDA)	-	-	U	0.000466	U	0.00048	U	0.000508	U	0.000499	U	0.000489	U	NA		0.000474	U	0.000479	U
Perfluorotetradecanoic Acid (PFTA)	-	-	U	**0.0001**	**J**	0.00048	U	0.000508	U	0.000499	U	0.000489	U	NA		0.000474	U	0.000479	U
PFOA/PFOS, Total	-	-	**J**	**0.000198**	**J**	0.00024	U	0.000254	U	**0.000146**	**J**	**0.000729**	**J**	NA		0.000237	U	0.000239	U
Polychlorinated Biphenyls by GC (mg/kg)																			
Aroclor 1016	1	0.1	U	0.034	U	0.0329	U	0.0343	U	0.0355	U	0.0345	U	NA		0.0335	U	0.0328	U
Aroclor 1221	1	0.1	U	0.034	U	0.0329	U	0.0343	U	0.0355	U	0.0345	U	NA		0.0335	U	0.0328	U
Aroclor 1232	1	0.1	U	0.034	U	0.0329	U	0.0343	U	0.0355	U	0.0345	U	NA		0.0335	U	0.0328	U
Aroclor 1242	1	0.1	U	0.034	U	0.0329	U	0.0343	U	0.0355	U	0.0345	U	NA		0.0335	U	0.0328	U
Aroclor 1248	1	0.1	U	0.034	U	0.0329	U	0.0343	U	0.0355	U	0.0345	U	NA		0.0335	U	0.0328	U
Aroclor 1254	1	0.1	U	0.034	U	0.0329	U	0.0343	U	0.0355	U	0.0345	U	NA		0.0335	U	0.0328	U
Aroclor 1260	1	0.1	U	0.034	U	0.0329	U	**0.00888**	**J**	0.0355	U	0.0345	U	NA		0.0335	U	0.0328	U
Aroclor 1262	1	0.1	U	0.034	U	0.0329	U	0.0343	U	0.0355	U	0.0345	U	NA		0.0335	U	0.0328	U
Aroclor 1268	1	0.1	U	0.034	U	0.0329	U	**0.00519**	**J**	0.0355	U	0.0345	U	NA		0.0335	U	0.0328	U
PCBs, Total	1	0.1	U	0.034	U	0.0329	U	**0.0141**	**J**	0.0355	U	0.0345	U	NA		0.0335	U	0.0328	U
Total Metals (mg/kg)																			
Aluminum, Total	-	-		**5670**		**3860**		**5070**		**2760**		**5040**		NA		**3180**		**2690**	
Antimony, Total	-	-	U	4.07	U	4.05	U	4.19	U	4.1	U	4.18	U	NA		4.02	U	4.02	U
Arsenic, Total	16	13		**4.76**		**2.68**		**3.71**		**2.04**		**6.46**		NA		**1.86**		**1.7**	
Barium, Total	400	350		**196**		**30.4**		**71.4**		**21.6**		**130**		NA		**32.1**		**44.3**	
Beryllium, Total	72	7.2	**J**	**0.31**	**J**	**0.218**	**J**	**0.36**	**J**	**0.172**	**J**	**0.251**	**J**	NA		**0.129**	**J**	**0.121**	**J**
Cadmium, Total	4.3	2.5	**J**	**0.383**	**J**	**0.202**	**J**	**0.343**	**J**	**0.131**	**J**	**0.468**	**J**	NA		**0.289**	**J**	**0.25**	**J**
Calcium, Total	-	-		**750**		**17200**		**5470**		**835**		**8560**		NA		**8920**		**3620**	
Chromium, Total	-	-		**15.3**		**17.9**		**13.5**		**6.9**		**11.2**		NA		**13.3**		**8.65**	
Cobalt, Total	-	-		**5.2**		**3.5**		**9.03**		**3.98**		**4.85**		NA		**4.71**		**3.94**	
Copper, Total	270	50		**16.6**		**11.6**		**17**		**10.3**		**14.9**		NA		**12.1**		**9.47**	
Iron, Total	-	-		**12000**		**8740**		**12100**		**7140**		**11800**		NA		**9050**		**7970**	
Lead, Total	400	63		**165**		**38.8**		**47.5**		**5.01**		**338**		NA		**15.2**		**13.5**	
Magnesium, Total	-	-		**1760**		**8930**		**3100**		**1550**		**1540**		NA		**6710**		**3030**	
Manganese, Total	2000	1600		**269**		**275**		**368**		**226**		**216**		NA		**216**		**210**	
Mercury, Total	0.81	0.18	U	**0.386**		**0.486**		0.085	U	0.085	U	**0.406**		NA		**0.142**		0.066	U
Nickel, Total	310	30		**11.6**		**10.3**		**42.6**		**10**		**10**		NA		**31.5**		**16.3**	
Potassium, Total	-	-		**496**		**425**		**827**		**366**		**455**		NA		**659**		**521**	
Selenium, Total	180	3.9	**J**	**0.301**	**J**	**0.461**	**J**	1.67	U	1.64	U	1.67	U	NA		1.61	U	1.61	U
Silver, Total	180	2	U	0.814	U	0.809	U	0.837	U	0.819	U	0.836	U	NA		0.804	U	0.805	U
Sodium, Total	-	-	**J**	**59.4**	**J**	**140**	**J**	**97.5**	**J**	**99.1**	**J**	**24.3**	**J**	NA		**113**	**J**	**63.8**	**J**
Thallium, Total	-	-	U	1.63	U	1.62	U	1.67	U	1.64	U	1.67	U	NA		1.61	U	1.61	U
Vanadium, Total	-	-		**17.5**		**14.2**		**18.4**		**10.7**		**17.5**		NA		**14**		**10.6**	
Zinc, Total	10000	109		**169**		**35.2**		**72.4**		**17.2**		**118**		NA		**24.1**		**22.4**	

Table 1: Soil Boring Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

Notes :

Q = Qualifier
U = Indicates compound analyzed for but not detected
J = Indicates estimated value for TICs and all results when detected below the RL
I - The lower value for the two columns has been reported due to obvious interference.
P - The RPD between the results for the two columns exceeds the method-specified criteria.
- = No Standard
fbgs = feet below ground surface
Bold = Compound detected in sample
Value exceeds one or more criteria
RL is greater than one or more criteria
NA not analyzed
ND not detected
NE not exceeded

Table 2: Groundwater Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

LOCATION	NY-TOGS-GA	TW-1		DUP1 (TW-1)		TW-2		TW-3		TW-4		TW-5		FIELD BLANK		FIELD BLANK		TRIP BLANK	
SAMPLING DATE		1/6/2020, 1/8/2020		1/8/2020		1/8/2020		1/8/2020		1/7/2020		1/7/2020		1/6/2020		1/8/2020		1/8/2020	
LAB SAMPLE ID		L2000844-01,L2000463-09		L2000844-04, L2000844		L2000844-02		L2000844-03		L2000635-01		L2000635-02		L2000463-10		L2000844-06		L2000844-07	
		Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
1,4 Dioxane by 8270D-SIM (ug/L)																			
1,4-Dioxane	-	**0.097**	**J**	0.144	U	NA		NA		NA		NA		NA		0.144	U	NA	
Volatile Organics by GC/MS (ug/L)																			
Methylene chloride	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
1,1-Dichloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
Chloroform	7	**2.3**	**J**	3.1		**2.2**	**J**	**3.2**		**34**		**36**		NA		2.5	U	2.5	U
Carbon tetrachloride	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	NA		0.5	U	0.5	U
1,2-Dichloropropane	1	1	U	1	U	1	U	1	U	1	U	1	U	NA		1	U	1	U
Dibromochloromethane	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	NA		0.5	U	0.5	U
1,1,2-Trichloroethane	1	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	NA		1.5	U	1.5	U
Tetrachloroethene	5	**18**		**21**		**10**		**20**		**8.7**		**6**		NA		0.5	U	0.5	U
Chlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
Trichlorofluoromethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	NA		0.5	U	0.5	U
1,1,1-Trichloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
Bromodichloromethane	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	NA		0.5	U	0.5	U
trans-1,3-Dichloropropene	0.4	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	NA		0.5	U	0.5	U
cis-1,3-Dichloropropene	0.4	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	NA		0.5	U	0.5	U
1,3-Dichloropropene, Total	-	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	NA		0.5	U	0.5	U
1,1-Dichloropropene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
Bromoform	50	2	U	2	U	2	U	2	U	2	U	2	U	NA		2	U	2	U
1,1,2,2-Tetrachloroethane	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	NA		0.5	U	0.5	U
Benzene	1	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	NA		0.5	U	0.5	U
Toluene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
Ethylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
Chloromethane	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
Bromomethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
Vinyl chloride	2	1	U	1	U	1	U	1	U	1	U	1	U	NA		1	U	1	U
Chloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
1,1-Dichloroethene	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	NA		0.5	U	0.5	U
trans-1,2-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
Trichloroethene	5	**0.86**		**1**		**0.57**		**0.98**		**0.4**	**J**	**0.4**	**J**	NA		0.5	U	0.5	U
1,2-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
1,3-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
1,4-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
Methyl tert butyl ether	10	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
p/m-Xylene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
o-Xylene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
Xylenes, Total	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
cis-1,2-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
1,2-Dichloroethene, Total	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
Dibromomethane	5	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	5	U
1,2,3-Trichloropropane	0.04	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
Acrylonitrile	5	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	5	U
Styrene	930	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
Dichlorodifluoromethane	5	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	5	U
Acetone	50	5	U	5	U	**2.2**	**J**	5	U	5	U	**1.6**	**J**	NA		5	U	5	U
Carbon disulfide	60	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	5	U
2-Butanone	50	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	5	U
Vinyl acetate	-	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	5	U
4-Methyl-2-pentanone	-	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	5	U
2-Hexanone	50	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	5	U
Bromochloromethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
2,2-Dichloropropane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
1,2-Dibromoethane	0.0006	2	U	2	U	2	U	2	U	2	U	2	U	NA		2	U	2	U
1,3-Dichloropropane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
1,1,1,2-Tetrachloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
Bromobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
n-Butylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
sec-Butylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
tert-Butylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
o-Chlorotoluene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
p-Chlorotoluene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
1,2-Dibromo-3-chloropropane	0.04	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
Hexachlorobutadiene	0.5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
Isopropylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
p-Isopropyltoluene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
Naphthalene	10	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
n-Propylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
1,2,3-Trichlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
1,2,4-Trichlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
1,3,5-Trimethylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
1,2,4-Trimethylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
1,4-Dioxane	-	250	U	250	U	250	U	250	U	250	U	250	U	NA		250	U	250	U
p-Diethylbenzene	-	2	U	2	U	2	U	2	U	2	U	2	U	NA		2	U	2	U
p-Ethyltoluene	-	2	U	2	U	2	U	2	U	2	U	2	U	NA		2	U	2	U
1,2,4,5-Tetramethylbenzene	5	2	U	2	U	2	U	2	U	2	U	2	U	NA		2	U	2	U
Ethyl ether	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U
trans-1,4-Dichloro-2-butene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	NA		2.5	U	2.5	U

Table 2: Groundwater Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

LOCATION	NY-TOGS-GA	TW-1		DUP1 (TW-1)		TW-2		TW-3		TW-4		TW-5		FIELD BLANK		FIELD BLANK		TRIP BLANK	
SAMPLING DATE		1/6/2020, 1/8/2020		1/8/2020		1/8/2020		1/8/2020		1/7/2020		1/7/2020		1/6/2020		1/8/2020		1/8/2020	
LAB SAMPLE ID		L2000844-01,L2000463-09		L2000844-04, L2000844		L2000844-02		L2000844-03		L2000635-01		L2000635-02		L2000463-10		L2000844-06		L2000844-07	
		Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Semivolatile Organics by GC/MS (ug/L)																			
Acenaphthene	20	NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2,4-Trichlorobenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	NA	
Hexachlorobenzene	0.04	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Bis(2-chloroethyl)ether	1	2	U	2	U	2	U	2	U	2	U	2	U	NA		2	U	NA	
2-Chloronaphthalene	10	NA		NA		NA		NA		NA		NA		NA		NA		NA	
1,2-Dichlorobenzene	3	2	U	2	U	2	U	2	U	2	U	2	U	NA		2	U	NA	
1,3-Dichlorobenzene	3	2	U	2	U	2	U	2	U	2	U	2	U	NA		2	U	NA	
1,4-Dichlorobenzene	3	2	U	2	U	2	U	2	U	2	U	2	U	NA		2	U	NA	
3,3'-Dichlorobenzidine	5	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	NA	
2,4-Dinitrotoluene	5	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	NA	
2,6-Dinitrotoluene	5	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	NA	
Fluoranthene	50	NA		NA		NA		NA		NA		NA		NA		NA		NA	
4-Chlorophenyl phenyl ether	-	2	U	2	U	2	U	2	U	2	U	2	U	NA		2	U	NA	
4-Bromophenyl phenyl ether	-	2	U	2	U	2	U	2	U	2	U	2	U	NA		2	U	NA	
Bis(2-chloroisopropyl)ether	5	2	U	2	U	2	U	2	U	2	U	2	U	NA		2	U	NA	
Bis(2-chloroethoxy)methane	5	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	NA	
Hexachlorobutadiene	0.5	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Hexachlorocyclopentadiene	5	20	U	20	U	20	U	20	U	20	U	20	U	NA		20	U	NA	
Hexachloroethane	5	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Isophorone	50	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	NA	
Naphthalene	10	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Nitrobenzene	0.4	2	U	2	U	2	U	2	U	2	U	2	U	NA		2	U	NA	
NDPA/DPA	50	2	U	2	U	2	U	2	U	2	U	2	U	NA		2	U	NA	
n-Nitrosodi-n-propylamine	-	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	NA	
Bis(2-ethylhexyl)phthalate	5	**1.8**	**J**	**1.9**	**J**	3	U	**2.1**	**J**	3	U	**2.2**	**J**	NA		2.9	J	NA	
Butyl benzyl phthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	NA	
Di-n-butylphthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	NA	
Di-n-octylphthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	NA	
Diethyl phthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	NA	
Dimethyl phthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	NA	
Benzo(a)anthracene	0.002	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzo(a)pyrene	0	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzo(b)fluoranthene	0.002	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzo(k)fluoranthene	0.002	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Chrysene	0.002	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Acenaphthylene	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Anthracene	50	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Benzo(ghi)perylene	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Fluorene	50	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Phenanthrene	50	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Dibenzo(a,h)anthracene	-	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Indeno(1,2,3-cd)pyrene	0.002	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Pyrene	50	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Biphenyl	-	2	U	2	U	2	U	2	U	2	U	2	U	NA		2	U	NA	
4-Chloroaniline	5	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	NA	
2-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	NA	
3-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	NA	
4-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	NA	
Dibenzofuran	-	2	U	2	U	2	U	2	U	2	U	2	U	NA		2	U	NA	
2-Methylnaphthalene	-	-	-	-	-	-	-	-	-	-	-	-	-	NA		-	-	NA	
1,2,4,5-Tetrachlorobenzene	5	10	U	10	U	10	U	10	U	10	U	10	U	NA		10	U	NA	
Acetophenone	-	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	NA	
2,4,6-Trichlorophenol	-	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	NA	
p-Chloro-m-cresol	-	2	U	2	U	2	U	2	U	2	U	2	U	NA		2	U	NA	
2-Chlorophenol	-	2	U	2	U	2	U	2	U	2	U	2	U	NA		2	U	NA	
2,4-Dichlorophenol	2	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	NA	
2,4-Dimethylphenol	2	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	NA	
2-Nitrophenol	-	10	U	10	U	10	U	10	U	10	U	10	U	NA		10	U	NA	
4-Nitrophenol	-	10	U	10	U	10	U	10	U	10	U	10	U	NA		10	U	NA	
2,4-Dinitrophenol	2	20	U	20	U	20	U	20	U	20	U	20	U	NA		20	U	NA	
4,6-Dinitro-o-cresol	-	10	U	10	U	10	U	10	U	10	U	10	U	NA		10	U	NA	
Pentachlorophenol	2	NA		NA		NA		NA		NA		NA		NA		NA		NA	
Phenol	2	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	NA	
2-Methylphenol	-	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	NA	
3-Methylphenol/4-Methylphenol	-	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	NA	
2,4,5-Trichlorophenol	-	5	U	5	U	5	U	5	U	5	U	5	U	NA		5	U	NA	
Benzoic Acid	-	50	U	50	U	50	U	50	U	50	U	50	U	NA		50	U	NA	
Benzyl Alcohol	-	2	U	2	U	2	U	2	U	2	U	2	U	NA		2	U	NA	
Carbazole	-	2	U	2	U	2	U	2	U	2	U	2	U	NA		2	U	NA	

Table 2: Groundwater Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

LOCATION	NY-TOGS-GA	TW-1		DUP1 (TW-1)		TW-2		TW-3		TW-4		TW-5		FIELD BLANK		FIELD BLANK		TRIP BLANK	
SAMPLING DATE		1/6/2020, 1/8/2020		1/8/2020		1/8/2020		1/8/2020		1/7/2020		1/7/2020		1/6/2020		1/8/2020		1/8/2020	
LAB SAMPLE ID		L2000844-01,L2000463-09		L2000844-04, L2000844		L2000844-02		L2000844-03		L2000635-01		L2000635-02		L2000463-10		L2000844-06		L2000844-07	
		Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Semivolatile Organics by GC/MS-SIM (ug/L)																			
Acenaphthene	20	0.1	U	0.1	U	0.1	U	**0.02**	**J**	0.1	U	**0.03**	**J**	NA		0.1	U	NA	
2-Chloronaphthalene	10	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NA		0.2	U	NA	
Fluoranthene	50	**0.16**		**0.03**	**J**	**0.05**	**J**	**0.18**		**0.09**	**J**	**0.55**		NA		0.1	U	NA	
Hexachlorobutadiene	0.5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	NA		0.5	U	NA	
Naphthalene	10	**0.09**	**J**	0.1	U	0.1	U	**0.05**	**J**	0.1	U	**0.08**	**J**	NA		0.1	U	NA	
Benzo(a)anthracene	0.002	**0.08**	**J**	0.1	U	**0.03**	**J**	**0.1**	**J**	**0.05**	**J**	**0.39**		NA		0.1	U	NA	
Benzo(a)pyrene	0	**0.06**	**J**	0.1	U	**0.02**	**J**	**0.08**	**J**	**0.03**	**J**	**0.36**		NA		0.1	U	NA	
Benzo(b)fluoranthene	0.002	**0.09**	**J**	**0.01**	**J**	**0.03**	**J**	**0.11**		**0.04**	**J**	**0.43**		NA		0.1	U	NA	
Benzo(k)fluoranthene	0.002	**0.04**	**J**	0.1	U	**0.01**	**J**	**0.04**	**J**	**0.02**	**J**	**0.15**		NA		0.1	U	NA	
Chrysene	0.002	**0.06**	**J**	0.1	U	**0.02**	**J**	**0.07**	**J**	**0.03**	**J**	**0.35**		NA		0.1	U	NA	
Acenaphthylene	-	**0.02**	**J**	0.1	U	0.1	U	0.1	U	0.1	U	**0.07**	**J**	NA		0.1	U	NA	
Anthracene	50	**0.04**	**J**	0.1	U	0.1	U	**0.03**	**J**	**0.02**	**J**	**0.08**	**J**	NA		0.1	U	NA	
Benzo(ghi)perylene	-	**0.06**	**J**	0.1	U	**0.02**	**J**	**0.05**	**J**	**0.03**	**J**	**0.26**		NA		0.1	U	NA	
Fluorene	50	**0.02**	**J**	0.1	U	0.1	U	**0.02**	**J**	**0.02**	**J**	**0.03**	**J**	NA		0.1	U	NA	
Phenanthrene	50	**0.16**		**0.03**	**J**	**0.05**	**J**	**0.13**		**0.11**		**0.41**		NA		0.02	J	NA	
Dibenzo(a,h)anthracene	-	**0.01**	**J**	0.1	U	0.1	U	0.1	U	0.1	U	**0.06**	**J**	NA		0.1	U	NA	
Indeno(1,2,3-cd)pyrene	0.002	**0.06**	**J**	0.1	U	**0.02**	**J**	**0.05**	**J**	**0.03**	**J**	**0.24**		NA		0.1	U	NA	
Pyrene	50	**0.13**		**0.02**	**J**	**0.04**	**J**	**0.15**		**0.07**	**J**	**0.71**		NA		0.1	U	NA	
2-Methylnaphthalene	-	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	**0.03**	**J**	NA		0.1	U	NA	
Pentachlorophenol	2	**0.4**	**J**	**0.3**	**J**	0.8	U	**0.3**	**J**	**0.24**	**J**	**0.38**	**J**	NA		0.32	J	NA	
Hexachlorobenzene	0.04	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	NA		0.8	U	NA	
Hexachloroethane	5	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	NA		0.8	U	NA	
Organochlorine Pesticides by GC (ug/L)																			
Delta-BHC	0.04	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	NA		0.014	U	NA	
Lindane	0.05	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	NA		0.014	U	NA	
Alpha-BHC	0.01	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	NA		0.014	U	NA	
Beta-BHC	0.04	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	NA		0.014	U	NA	
Heptachlor	0.04	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	NA		0.014	U	NA	
Aldrin	0	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	NA		0.014	U	NA	
Heptachlor epoxide	0.03	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	NA		0.014	U	NA	
Endrin	0	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	NA		0.029	U	NA	
Endrin aldehyde	5	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	NA		0.029	U	NA	
Endrin ketone	5	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	NA		0.029	U	NA	
Dieldrin	0.004	**0.022**	**J**	**0.021**	**J**	**0.009**	**J**	**0.018**	**J**	0.029	U	0.029	U	NA		0.029	U	NA	
4,4'-DDE	0.2	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	NA		0.029	U	NA	
4,4'-DDD	0.3	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	NA		0.029	U	NA	
4,4'-DDT	0.2	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	NA		0.029	U	NA	
Endosulfan I	-	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	NA		0.014	U	NA	
Endosulfan II	-	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	NA		0.029	U	NA	
Endosulfan sulfate	-	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	NA		0.029	U	NA	
Methoxychlor	35	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	NA		0.143	U	NA	
Toxaphene	0.06	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	NA		0.143	U	NA	
cis-Chlordane	-	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	NA		0.014	U	NA	
trans-Chlordane	-	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	NA		0.014	U	NA	
Chlordane	0.05	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	NA		0.143	U	NA	
Polychlorinated Biphenyls by GC (ug/L)																			
Aroclor 1016	0.09	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	NA		0.083	U	NA	
Aroclor 1221	0.09	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	NA		0.083	U	NA	
Aroclor 1232	0.09	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	NA		0.083	U	NA	
Aroclor 1242	0.09	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	NA		0.083	U	NA	
Aroclor 1248	0.09	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	NA		0.083	U	NA	
Aroclor 1254	0.09	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	NA		0.083	U	NA	
Aroclor 1260	0.09	0.083	U	0.083	U	0.083	U	**0.064**	**J**	0.083	U	0.083	U	NA		**0.064**	**J**	NA	
Aroclor 1262	0.09	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	NA		0.083	U	NA	
Aroclor 1268	0.09	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	0.083	U	NA		0.083	U	NA	
PCBs, Total	-	0.083	U	0.083	U	0.083	U	**0.064**	**J**	0.083	U	0.083	U	NA		**0.064**	**J**	NA	
Total Metals (ug/L)																			
Aluminum, Total	2000	**29100**		**761**		**781**		**3320**		**2960**		**13800**		NA		**41.7**		NA	
Antimony, Total	6	4	U	4	U	**0.5**	**J**	**0.53**	**J**	4	U	4	U	NA		4	U	NA	
Arsenic, Total	50	**16.51**		**1.12**		**1.22**		**3.98**		**2**		**8.22**		NA		0.5	U	NA	
Barium, Total	2000	**3059**		**136.7**		**136**		**210.9**		**108.1**		**305.4**		NA		**2.46**		NA	
Beryllium, Total	3	**6.89**		**0.1**	**J**	**0.16**	**J**	**0.45**	**J**	**0.21**	**J**	**0.95**		NA		0.5	U	NA	
Cadmium, Total	10	**6.84**		**0.11**	**J**	**0.25**		**0.22**		**0.1**	**J**	**0.42**		NA		0.2	U	NA	
Calcium, Total	-	**240000**		**91600**		**81900**		**90900**		**38200**		**41500**		NA		**127**		NA	
Chromium, Total	100	**254.2**		**4.17**		**5.8**		**12.52**		**7.5**		**34.71**		NA		**0.88**	**J**	NA	
Cobalt, Total	-	**172.7**		**2.8**		**3.73**		**11.75**		**3.99**		**19.58**		NA		0.5	U	NA	
Copper, Total	1000	**433**		**4.12**		**12.53**		**17.96**		**10.24**		**59.66**		NA		**2.24**		NA	
Iron, Total	600	**36400**		**1380**		**1640**		**6860**		**5320**		**26800**		NA		**49.1**	**J**	NA	
Lead, Total	50	**335.9**		**3.75**		**7.8**		**15.45**		**7.84**		**81.89**		NA		**4.5**		NA	
Magnesium, Total	35000	**70600**		**28500**		**33900**		**29500**		**9820**		**20000**		NA		**26.4**	**J**	NA	
Manganese, Total	600	**29450**		333.7		**640.3**		**917**		**676.8**		**2121**		NA		**1.71**		NA	
Mercury, Total	1.4	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NA		0.2	U	NA	
Nickel, Total	200	**316.7**		**27.13**		**27.07**		**84.71**		**20.63**		**80.91**		NA		**0.58**	**J**	NA	
Potassium, Total	-	**16000**		**7910**		**8350**		**7990**		**5080**		**6050**		NA		100	U	NA	
Selenium, Total	20	**37.5**		**2.05**	**J**	**2.32**	**J**	**4.2**	**J**	**1.98**	**J**	**4.88**	**J**	NA		5	U	NA	
Silver, Total	100	**0.18**	**J**	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA		0.4	U	NA	
Sodium, Total	-	**268000**		**224000**		**154000**		**217000**		**161000**		**173000**		NA		**207**		NA	
Thallium, Total	0.5	**0.39**	**J**	**0.37**	**J**	**0.22**	**J**	**0.95**	**J**	1	U	**0.23**	**J**	NA		**0.3**	**J**	NA	
Vanadium, Total	-	**53.41**		**3.62**	**J**	**3.35**	**J**	**11.96**		**7.73**		**37.77**		NA		5	U	NA	
Zinc, Total	5000	**510.4**		**8.19**	**J**	**52.39**		**35.97**		**20.52**		**98.14**		NA		10	U	NA	

Table 2: Groundwater Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

LOCATION	NY-TOGS-GA	TW-1		DUP1 (TW-1)		TW-2		TW-3		TW-4		TW-5		FIELD BLANK		FIELD BLANK		TRIP BLANK	
SAMPLING DATE		1/6/2020, 1/8/2020		1/8/2020		1/8/2020		1/8/2020		1/7/2020		1/7/2020		1/6/2020		1/8/2020		1/8/2020	
LAB SAMPLE ID		L2000844-01,L2000463-09		L2000844-04, L2000844		L2000844-02		L2000844-03		L2000635-01		L2000635-02		L2000463-10		L2000844-06		L2000844-07	
		Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Dissolved Metals (ug/L)																			
Aluminum, Dissolved	2000	**53.9**		**28.5**		**3.31**	**J**	**6.16**	**J**	**6.96**	**J**	**91.1**		NA		NA		NA	
Antimony, Dissolved	6	**0.53**	**J**	4	U	4	U	4	U	4	U	4	U	NA		NA		NA	
Arsenic, Dissolved	50	**0.18**	**J**	**0.45**	**J**	**0.2**	**J**	**0.43**	**J**	**0.21**	**J**	**0.48**	**J**	NA		NA		NA	
Barium, Dissolved	2000	**235.3**		**101.6**		**104.4**		**96.4**		**58.37**		**50.03**		NA		NA		NA	
Beryllium, Dissolved	3	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	NA		NA		NA	
Cadmium, Dissolved	10	**0.14**	**J**	**0.06**	**J**	**0.14**	**J**	**0.07**	**J**	**0.06**	**J**	0.2	U	NA		NA		NA	
Calcium, Dissolved	-	**83400**		**88800**		**76900**		**88300**		**38900**		**30500**		NA		NA		NA	
Chromium, Dissolved	100	**1.99**		**2.17**		**1.86**		**2.12**		**1.81**		**2.83**		NA		NA		NA	
Cobalt, Dissolved		**0.62**		**0.49**	**J**	**0.63**		**0.44**	**J**	**0.64**		**0.25**	**J**	NA		NA		NA	
Copper, Dissolved	1000	**1.1**		**0.81**	**J**	**0.7**	**J**	**0.73**	**J**	**0.46**	**J**	**0.8**	**J**	NA		NA		NA	
Iron, Dissolved	600	**109**		**70.5**		50	U	**19.8**	**J**	50	U	**153**		NA		NA		NA	
Lead, Dissolved	50	1	U	1	U	1	U	1	U	1	U	**0.42**	**J**	NA		NA		NA	
Magnesium, Dissolved	35000	**34200**		**26700**		**31800**		**27400**		**6750**		**9420**		NA		NA		NA	
Manganese, Dissolved	600	**888**		**138.4**		**370.1**		**116.9**		**448**		**50.89**		NA		NA		NA	
Mercury, Dissolved	1.4	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NA		NA		NA	
Nickel, Dissolved	200	**7.42**		**11.94**		**10.79**		**10.78**		**7.09**		**2.35**		NA		NA		NA	
Potassium, Dissolved	-	**6240**		**7680**		**8110**		**7910**		**4290**		**2830**		NA		NA		NA	
Selenium, Dissolved	20	**2.87**	**J**	5	U	5	U	5	U	5	U	5	U	NA		NA		NA	
Silver, Dissolved	100	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA		NA		NA	
Sodium, Dissolved	-	**168000**		**220000**		**155000**		**228000**		**120000**		**157000**		NA		NA		NA	
Thallium, Dissolved	0.5	1	U	1	U	1	U	1	U	1	U	1	U	NA		NA		NA	
Vanadium, Dissolved	-	5	U	5	U	5	U	5	U	5	U	5	U	NA		NA		NA	
Zinc, Dissolved	5000	10	U	10	U	**3.89**	**J**	10	U	10	U	10	U	NA		NA		NA	
Perfluorinated Alkyl Acids by Isotope Dilution* (ug/L)																			
Perfluorobutanoic Acid (PFBA)	0.1	**0.0193**		NA		NA		NA		NA		NA		0.00179	U	NA		NA	
Perfluoropentanoic Acid (PFPeA)	0.1	**0.0532**		NA		NA		NA		NA		NA		0.00179	U	NA		NA	
Perfluorobutanesulfonic Acid (PFBS)	0.1	**0.00544**		NA		NA		NA		NA		NA		0.00179	U	NA		NA	
Perfluorohexanoic Acid (PFHxA)	0.1	**0.0339**		NA		NA		NA		NA		NA		**0.000344**	**J**	NA		NA	
Perfluoroheptanoic Acid (PFHpA)	0.1	**0.0145**		NA		NA		NA		NA		NA		0.00179	U	NA		NA	
Perfluorohexanesulfonic Acid (PFHxS)	0.1	**0.00572**		NA		NA		NA		NA		NA		0.00179	U	NA		NA	
Perfluorooctanoic Acid (PFOA)	0.01	**0.0934**		NA		NA		NA		NA		NA		0.00179	U	NA		NA	
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.1	0.00194	U	NA		NA		NA		NA		NA		0.00179	U	NA		NA	
Perfluoroheptanesulfonic Acid (PFHpS)	0.1	0.00194	U	NA		NA		NA		NA		NA		0.00179	U	NA		NA	
Perfluorononanoic Acid (PFNA)	0.1	**0.00368**		NA		NA		NA		NA		NA		0.00179	U	NA		NA	
Perfluorooctanesulfonic Acid (PFOS)	0.01	**0.0324**		NA		NA		NA		NA		NA		0.00179	U	NA		NA	
Perfluorodecanoic Acid (PFDA)	0.1	0.00194	U	NA		NA		NA		NA		NA		0.00179	U	NA		NA	
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	0.1	0.00194	U	NA		NA		NA		NA		NA		0.00179	U	NA		NA	
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.1	0.00194	U	NA		NA		NA		NA		NA		0.00179	U	NA		NA	
Perfluoroundecanoic Acid (PFUnA)	0.1	0.00194	U	NA		NA		NA		NA		NA		0.00179	U	NA		NA	
Perfluorodecanesulfonic Acid (PFDS)	0.1	0.00194	U	NA		NA		NA		NA		NA		0.00179	U	NA		NA	
Perfluorooctanesulfonamide (FOSA)	0.1	0.00194	U	NA		NA		NA		NA		NA		0.00179	U	NA		NA	
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.1	0.00194	U	NA		NA		NA		NA		NA		**0.000857**	**J**	NA		NA	
Perfluorododecanoic Acid (PFDoA)	0.1	0.00194	U	NA		NA		NA		NA		NA		0.00179	U	NA		NA	
Perfluorotridecanoic Acid (PFTrDA)	0.1	0.00194	U	NA		NA		NA		NA		NA		0.00179	U	NA		NA	
Perfluorotetradecanoic Acid (PFTA)	0.1	0.00194	U	NA		NA		NA		NA		NA		0.00179	U	NA		NA	
PFOA/PFOS, Total	0.5	**0.126**		NA		NA		NA		NA		NA		0.00179	U	NA		NA	

Table 2: Groundwater Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

LOCATION	NY-TOGS-GA	MW-1		MW-2		MW-3		MW-4		MW-5		MW-6		DUP-1 (MW-6)		TRIP BLANK		FIELD BLANK		TRIP BLANK		TRIP BLANK		FIELD BLANK	
SAMPLING DATE		6/18/2021		6/18/2021		6/18/2021		6/22/2021		6/22/2021		6/22/2021		6/22/2021		6/15/2021		6/15/2021		6/15/2021		6/18/2021		6/18/2021	
LAB SAMPLE ID		L2133428-03		L2133428-04		L2133428-05		L2133901-01		L2133901-02		L2133901-03		L2133901-04		L2132198-12		L2132198-11		L2132476-09		L2133428-02		L2133428-01	
		Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Qual	Results	Q	Results	Q
1,4 Dioxane by 8270D-SIM (ug/L)																									
1,4-Dioxane	-	**0.288**		**0.0892**	**J**	**0.0861**	**J**	**0.0613**	**J**	0.15	U	**0.0952**	**J**	**0.107**	**J**	NA		**0.077**	**J**	NA		NA		0.134	U
Volatile Organics by GC/MS (ug/L)																									
Methylene chloride	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloroform	7	**5.7**		**3.1**		**2.4**	**J**	**8.2**		**3**		**2.2**	**J**	**2.2**	**J**	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Carbon tetrachloride	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichloropropane	1	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Dibromochloromethane	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,2-Trichloroethane	1	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U	1.5	U
Tetrachloroethene	5	**22**		**15**		**17**		**5.3**		**11**		**18**		**18**		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Chlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Trichlorofluoromethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethane	0.6	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1,1-Trichloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromodichloromethane	50	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,3-Dichloropropene	0.4	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
cis-1,3-Dichloropropene	0.4	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,3-Dichloropropene, Total	-	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,1-Dichloropropene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromoform	50	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,1,2,2-Tetrachloroethane	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Benzene	1	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
Toluene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Ethylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Chloromethane	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromomethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Vinyl chloride	2	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U	1	U
Chloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1-Dichloroethene	5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
trans-1,2-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Trichloroethene	5	**1.2**		**0.85**		**0.79**		**0.32**	**J**	**0.69**		**0.81**		**0.8**		0.5	U	0.5	U	0.5	U	0.5	U	0.5	U
1,2-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dichlorobenzene	3	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Methyl tert butyl ether	10	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p/m-Xylene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
o-Xylene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Xylenes, Total	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
cis-1,2-Dichloroethene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dichloroethene, Total	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Dibromomethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
1,2,3-Trichloropropane	0.04	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Acrylonitrile	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Styrene	930	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Dichlorodifluoromethane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Acetone	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Carbon disulfide	60	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Butanone	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Vinyl acetate	-	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
4-Methyl-2-pentanone	-	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
2-Hexanone	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U	5	U
Bromochloromethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
2,2-Dichloropropane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromoethane	0.0006	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,3-Dichloropropane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,1,1,2-Tetrachloroethane	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Bromobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
n-Butylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
sec-Butylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
tert-Butylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
o-Chlorotoluene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p-Chlorotoluene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2-Dibromo-3-chloropropane	0.04	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Hexachlorobutadiene	0.5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Isopropylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
p-Isopropyltoluene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
Naphthalene	10	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
n-Propylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,3-Trichlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trichlorobenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,3,5-Trimethylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,2,4-Trimethylbenzene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
1,4-Dioxane	-	250	U	250	U	250	U	250	U	250	U	250	U	250	U	250	U	250	U	250	U	250	U	250	U
p-Diethylbenzene	-	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
p-Ethyltoluene	-	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
1,2,4,5-Tetramethylbenzene	5	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U	2	U
Ethyl ether	-	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U
trans-1,4-Dichloro-2-butene	5	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U	2.5	U

Table 2: Groundwater Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

LOCATION	NY-TOGS-GA	MW-1		MW-2		MW-3		MW-4		MW-5		MW-6		DUP-1 (MW-6)		TRIP BLANK	FIELD BLANK		TRIP BLANK		TRIP BLANK		FIELD BLANK	
SAMPLING DATE		6/18/2021		6/18/2021		6/18/2021		6/22/2021		6/22/2021		6/22/2021		6/22/2021		6/15/2021	6/15/2021		6/15/2021		6/18/2021		6/18/2021	
LAB SAMPLE ID		L2133428-03		L2133428-04		L2133428-05		L2133901-01		L2133901-02		L2133901-03		L2133901-04		L2132198-12	L2132198-11		L2132476-09		L2133428-02		L2133428-01	
		Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Results	Q	Results	Qual	Results	Q	Results	Q
Semivolatile Organics by GC/MS (ug/L)																								
Acenaphthene	20	NA		NA		NA		NA		NA		NA		NA		NA	NA		NA		NA		NA	
1,2,4-Trichlorobenzene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	NA	5	U	NA		NA		5	U
Hexachlorobenzene	0.04	NA		NA		NA		NA		NA		NA		NA		NA	2	U	NA		NA		NA	
Bis(2-chloroethyl)ether	1	2	U	2	U	2	U	2	U	2	U	2	U	2	U	NA	2	U	NA		NA		2	U
2-Chloronaphthalene	10	NA		NA		NA		NA		NA		NA		NA		NA	NA		NA		NA		NA	
1,2-Dichlorobenzene	3	0.62	J	2	U	2	U	2	U	2	U	2	U	2	U	NA	2	U	NA		NA		2	U
1,3-Dichlorobenzene	3	2	U	2	U	2	U	2	U	2	U	2	U	2	U	NA	2	U	NA		NA		2	U
1,4-Dichlorobenzene	3	2	U	2	U	2	U	2	U	2	U	2	U	2	U	NA	2	U	NA		NA		2	U
3,3'-Dichlorobenzidine	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	NA	5	U	NA		NA		5	U
2,4-Dinitrotoluene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	NA	5	U	NA		NA		5	U
2,6-Dinitrotoluene	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	NA	5	U	NA		NA		5	U
Fluoranthene	50	NA		NA		NA		NA		NA		NA		NA		NA	2	U	NA		NA		NA	
4-Chlorophenyl phenyl ether	-	2	U	2	U	2	U	2	U	2	U	2	U	2	U	NA	2	U	NA		NA		2	U
4-Bromophenyl phenyl ether	-	2	U	2	U	2	U	2	U	2	U	2	U	2	U	NA	2	U	NA		NA		2	U
Bis(2-chloroisopropyl)ether	5	2	U	2	U	2	U	2	U	2	U	2	U	2	U	NA	2	U	NA		NA		2	U
Bis(2-chloroethoxy)methane	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	NA	5	U	NA		NA		5	U
Hexachlorobutadiene	0.5	NA		NA		NA		NA		NA		NA		NA		NA	2	U	NA		NA		NA	
Hexachlorocyclopentadiene	5	20	U	20	U	20	U	20	U	20	U	20	U	20	U	NA	20	U	NA		NA		20	U
Hexachloroethane	5	NA		NA		NA		NA		NA		NA		NA		NA	2	U	NA		NA		NA	
Isophorone	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	NA	5	U	NA		NA		5	U
Naphthalene	10	NA		NA		NA		NA		NA		NA		NA		NA	2	U	NA		NA		NA	
Nitrobenzene	0.4	2	U	2	U	2	U	2	U	2	U	2	U	2	U	NA	2	U	NA		NA		2	U
NDPA/DPA	50	2	U	2	U	2	U	2	U	2	U	2	U	2	U	NA	2	U	NA		NA		2	U
n-Nitrosodi-n-propylamine	-	5	U	5	U	5	U	5	U	5	U	5	U	5	U	NA	5	U	NA		NA		5	U
Bis(2-ethylhexyl)phthalate	5	3	U	1.5	J	4.2		3	U	3	U	3	U	3	U	NA	3	U	NA		NA		3	U
Butyl benzyl phthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	NA	5	U	NA		NA		5	U
Di-n-butylphthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	NA	5	U	NA		NA		5	U
Di-n-octylphthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	NA	5	U	NA		NA		5	U
Diethyl phthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	NA	5	U	NA		NA		5	U
Dimethyl phthalate	50	5	U	5	U	5	U	5	U	5	U	5	U	5	U	NA	5	U	NA		NA		5	U
Benzo(a)anthracene	0.002	NA		NA		NA		NA		NA		NA		NA		NA	2	U	NA		NA		NA	
Benzo(a)pyrene	0	NA		NA		NA		NA		NA		NA		NA		NA	2	U	NA		NA		NA	
Benzo(b)fluoranthene	0.002	NA		NA		NA		NA		NA		NA		NA		NA	2	U	NA		NA		NA	
Benzo(k)fluoranthene	0.002	NA		NA		NA		NA		NA		NA		NA		NA	2	U	NA		NA		NA	
Chrysene	0.002	NA		NA		NA		NA		NA		NA		NA		NA	2	U	NA		NA		NA	
Acenaphthylene	-	NA		NA		NA		NA		NA		NA		NA		NA	2	U	NA		NA		NA	
Anthracene	50	NA		NA		NA		NA		NA		NA		NA		NA	2	U	NA		NA		NA	
Benzo(ghi)perylene	-	NA		NA		NA		NA		NA		NA		NA		NA	2	U	NA		NA		NA	
Fluorene	50	NA		NA		NA		NA		NA		NA		NA		NA	2	U	NA		NA		NA	
Phenanthrene	50	NA		NA		NA		NA		NA		NA		NA		NA	2	U	NA		NA		NA	
Dibenzo(a,h)anthracene	-	NA		NA		NA		NA		NA		NA		NA		NA	2	U	NA		NA		NA	
Indeno(1,2,3-cd)pyrene	0.002	NA		NA		NA		NA		NA		NA		NA		NA	2	U	NA		NA		NA	
Pyrene	50	NA		NA		NA		NA		NA		NA		NA		NA	2	U	NA		NA		NA	
Biphenyl	-	**0.5**	**J**	2	U	2	U	2	U	2	U	2	U	2	U	NA	2	U	NA		NA		2	U
4-Chloroaniline	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	NA	5	U	NA		NA		5	U
2-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	NA	5	U	NA		NA		5	U
3-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	NA	5	U	NA		NA		5	U
4-Nitroaniline	5	5	U	5	U	5	U	5	U	5	U	5	U	5	U	NA	5	U	NA		NA		5	U
Dibenzofuran	-	2	U	2	U	2	U	2	U	2	U	2	U	2	U	NA	2	U	NA		NA		2	U
2-Methylnaphthalene	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	NA	2	U	NA		NA		-	-
1,2,4,5-Tetrachlorobenzene	5	10	U	10	U	10	U	10	U	10	U	10	U	10	U	NA	10	U	NA		NA		10	U
Acetophenone	-	5	U	5	U	5	U	5	U	5	U	5	U	5	U	NA	5	U	NA		NA		5	U
2,4,6-Trichlorophenol	-	5	U	5	U	5	U	5	U	5	U	5	U	5	U	NA	5	U	NA		NA		5	U
p-Chloro-m-cresol	-	2	U	2	U	2	U	2	U	2	U	2	U	2	U	NA	2	U	NA		NA		2	U
2-Chlorophenol	-	2	U	2	U	2	U	2	U	2	U	2	U	2	U	NA	2	U	NA		NA		2	U
2,4-Dichlorophenol	2	5	U	5	U	5	U	5	U	5	U	5	U	5	U	NA	5	U	NA		NA		5	U
2,4-Dimethylphenol	2	5	U	5	U	5	U	5	U	5	U	5	U	5	U	NA	5	U	NA		NA		5	U
2-Nitrophenol	-	10	U	10	U	10	U	10	U	10	U	10	U	10	U	NA	10	U	NA		NA		10	U
4-Nitrophenol	-	10	U	10	U	10	U	10	U	10	U	10	U	10	U	NA	10	U	NA		NA		10	U
2,4-Dinitrophenol	2	20	U	20	U	20	U	20	U	20	U	20	U	20	U	NA	20	U	NA		NA		20	U
4,6-Dinitro-o-cresol	-	10	U	10	U	10	U	10	U	10	U	10	U	10	U	NA	10	U	NA		NA		10	U
Pentachlorophenol	2	NA		NA		NA		NA		NA		NA		NA		NA	10	U	NA		NA		NA	
Phenol	2	5	U	5	U	5	U	5	U	5	U	5	U	5	U	NA	5	U	NA		NA		5	U
2-Methylphenol	-	5	U	5	U	5	U	5	U	5	U	5	U	5	U	NA	5	U	NA		NA		5	U
3-Methylphenol/4-Methylphenol	-	5	U	5	U	5	U	5	U	5	U	5	U	5	U	NA	5	U	NA		NA		5	U
2,4,5-Trichlorophenol	-	5	U	5	U	5	U	5	U	5	U	5	U	5	U	NA	5	U	NA		NA		5	U
Benzoic Acid	-	50	U	50	U	50	U	50	U	50	U	50	U	50	U	NA	50	U	NA		NA		50	U
Benzyl Alcohol	-	2	U	2	U	2	U	2	U	2	U	2	U	2	U	NA	2	U	NA		NA		2	U
Carbazole	-	2	U	2	U	2	U	2	U	2	U	2	U	2	U	NA	2	U	NA		NA		2	U

Table 2: Groundwater Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

LOCATION	NY-TOGS-GA	MW-1		MW-2		MW-3		MW-4		MW-5		MW-6		DUP-1 (MW-6)		TRIP BLANK	FIELD BLANK	TRIP BLANK	TRIP BLANK	FIELD BLANK	
SAMPLING DATE		6/18/2021		6/18/2021		6/18/2021		6/22/2021		6/22/2021		6/22/2021		6/22/2021		6/15/2021	6/15/2021	6/15/2021	6/18/2021	6/18/2021	
LAB SAMPLE ID		L2133428-03		L2133428-04		L2133428-05		L2133901-01		L2133901-02		L2133901-03		L2133901-04		L2132198-12	L2132198-11	L2132476-09	L2133428-02	L2133428-01	
		Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Qual	Results	Q	Results	Q
Semivolatile Organics by GC/MS-SIM (ug/L)																							
Acenaphthene	20	0.1	U	0.1	U	0.1	U	0.1	U	**0.02**	**J**	0.1	U	0.1	U	NA	NA	NA	NA	0.1	U
2-Chloronaphthalene	10	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NA	NA	NA	NA	0.2	U
Fluoranthene	50	0.1	U	0.1	U	0.1	U	0.1	U	**0.1**		0.1	U	0.1	U	NA	NA	NA	NA	0.1	U
Hexachlorobutadiene	0.5	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	NA	NA	NA	NA	0.5	U
Naphthalene	10	0.1	U	0.1	U	0.1	U	0.1	U	**0.12**		0.1	U	0.1	U	NA	NA	NA	NA	0.1	U
Benzo(a)anthracene	0.002	0.1	U	0.1	U	0.1	U	0.1	U	**0.05**	**J**	0.1	U	0.1	U	NA	NA	NA	NA	0.1	U
Benzo(a)pyrene	0	0.1	U	0.1	U	0.1	U	0.1	U	**0.07**	**J**	0.1	U	0.1	U	NA	NA	NA	NA	0.1	U
Benzo(b)fluoranthene	0.002	0.1	U	0.1	U	**0.01**	**J**	0.1	U	**0.09**	**J**	0.1	U	0.1	U	NA	NA	NA	NA	0.1	U
Benzo(k)fluoranthene	0.002	0.1	U	0.1	U	0.1	U	0.1	U	**0.04**	**J**	0.1	U	0.1	U	NA	NA	NA	NA	0.1	U
Chrysene	0.002	0.1	U	0.1	U	0.1	U	0.1	U	**0.04**	**J**	0.1	U	0.1	U	NA	NA	NA	NA	0.1	U
Acenaphthylene	-	0.1	U	0.1	U	0.1	U	0.1	U	**0.03**	**J**	0.1	U	0.1	U	NA	NA	NA	NA	0.1	U
Anthracene	50	0.1	U	0.1	U	0.1	U	0.1	U	**0.03**	**J**	0.1	U	0.1	U	NA	NA	NA	NA	0.1	U
Benzo(ghi)perylene	-	0.1	U	0.1	U	0.1	U	0.1	U	**0.08**	**J**	0.1	U	0.1	U	NA	NA	NA	NA	0.1	U
Fluorene	50	0.1	U	0.1	U	0.1	U	0.1	U	**0.02**	**J**	0.1	U	0.1	U	NA	NA	NA	NA	0.1	U
Phenanthrene	50	0.1	U	0.1	U	0.1	U	0.1	U	**0.14**		0.1	U	0.1	U	NA	NA	NA	NA	0.1	U
Dibenzo(a,h)anthracene	-	0.1	U	0.1	U	0.1	U	0.1	U	**0.02**	**J**	0.1	U	0.1	U	NA	NA	NA	NA	0.1	U
Indeno(1,2,3-cd)pyrene	0.002	0.1	U	0.1	U	0.1	U	0.1	U	**0.09**	**J**	0.1	U	0.1	U	NA	NA	NA	NA	0.1	U
Pyrene	50	0.1	U	0.1	U	0.1	U	0.1	U	**0.08**	**J**	0.1	U	0.1	U	NA	NA	NA	NA	0.1	U
2-Methylnaphthalene	-	0.1	U	0.1	U	0.1	U	0.1	U	**0.04**	**J**	0.1	U	0.1	U	NA	NA	NA	NA	0.1	U
Pentachlorophenol	2	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	NA	NA	NA	NA	0.8	U
Hexachlorobenzene	0.04	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	NA	NA	NA	NA	0.8	U
Hexachloroethane	5	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	NA	NA	NA	NA	0.8	U
Organochlorine Pesticides by GC (ug/L)																					
Delta-BHC	0.04	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	NA	0.014	U	NA	NA	0.014	U
Lindane	0.05	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	NA	0.014	U	NA	NA	0.014	U
Alpha-BHC	0.01	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	NA	0.014	U	NA	NA	0.014	U
Beta-BHC	0.04	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	NA	0.014	U	NA	NA	0.014	U
Heptachlor	0.04	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	NA	0.014	U	NA	NA	0.014	U
Aldrin	0	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	NA	0.014	U	NA	NA	0.014	U
Heptachlor epoxide	0.03	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	NA	0.014	U	NA	NA	0.014	U
Endrin	0	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	NA	0.029	U	NA	NA	0.029	U
Endrin aldehyde	5	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	NA	0.029	U	NA	NA	0.029	U
Endrin ketone	5	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	NA	0.029	U	NA	NA	0.029	U
Dieldrin	0.004	**0.015**	**J**	**0.015**	**J**	**0.007**	**J**	0.029	U	0.029	U	**0.016**	**J**	**0.013**	**J**	NA	0.029	U	NA	NA	0.029	U
4,4'-DDE	0.2	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	NA	0.029	U	NA	NA	0.029	U
4,4'-DDD	0.3	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	NA	0.029	U	NA	NA	0.029	U
4,4'-DDT	0.2	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	NA	0.029	U	NA	NA	0.029	U
Endosulfan I	-	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	NA	0.014	U	NA	NA	0.014	U
Endosulfan II	-	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	NA	0.029	U	NA	NA	0.029	U
Endosulfan sulfate	-	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	0.029	U	NA	0.029	U	NA	NA	0.029	U
Methoxychlor	35	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	NA	0.143	U	NA	NA	0.143	U
Toxaphene	0.06	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	NA	0.143	U	NA	NA	0.143	U
cis-Chlordane	-	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	NA	0.014	U	NA	NA	0.014	U
trans-Chlordane	-	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	0.014	U	NA	0.014	U	NA	NA	0.014	U
Chlordane	0.05	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	0.143	U	NA	0.143	U	NA	NA	0.143	U
Polychlorinated Biphenyls by GC (ug/L)																					
Aroclor 1016	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	NA	0.071	U	NA	NA	0.071	U
Aroclor 1221	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	NA	0.071	U	NA	NA	0.071	U
Aroclor 1232	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	NA	0.071	U	NA	NA	0.071	U
Aroclor 1242	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	NA	0.071	U	NA	NA	0.071	U
Aroclor 1248	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	NA	0.071	U	NA	NA	0.071	U
Aroclor 1254	0.09	**0.087**		0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	NA	0.071	U	NA	NA	0.071	U
Aroclor 1260	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	NA	0.071	U	NA	NA	0.071	U
Aroclor 1262	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	NA	0.071	U	NA	NA	0.071	U
Aroclor 1268	0.09	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	NA	0.071	U	NA	NA	0.071	U
PCBs, Total	-	**0.087**		0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	0.071	U	NA	0.071	U	NA	NA	0.071	U
Total Metals (ug/L)																					
Aluminum, Total	2000	**112**		**73.7**		**91.1**		**106**		**157**		**378**		**348**		NA	**16.8**		NA	NA	10	U
Antimony, Total	6	4	U	4	U	4	U	4	U	4	U	4	U	4	U	NA	4	U	NA	NA	4	U
Arsenic, Total	50	**0.26**	**J**	**0.31**	**J**	**0.28**	**J**	**0.58**		**0.65**		**0.27**	**J**	**0.28**	**J**	NA	0.5	U	NA	NA	0.5	U
Barium, Total	2000	**183**		**104**		**81.61**		**53.76**		**75.58**		**113.1**		**118.6**		NA	**1.34**		NA	NA	**0.29**	**J**
Beryllium, Total	3	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	NA	0.5	U	NA	NA	0.5	U
Cadmium, Total	10	**0.06**	**J**	0.2	U	**0.1**	**J**	0.2	U	0.2	U	**0.12**	**J**	**0.13**	**J**	NA	0.2	U	NA	NA	0.2	U
Calcium, Total	-	**66500**		**89300**		**88000**		**35900**		**52500**		**71400**		**75100**		NA	**65.7**	**J**	NA	NA	**57.6**	**J**
Chromium, Total	100	**2.53**		**2.33**		**1.67**		**1.19**		**1.8**		**2.51**		**2.3**		NA	1	U	NA	NA	1	U
Cobalt, Total	-	**0.84**		**0.89**		**0.75**		**0.5**		**0.35**	**J**	**1.03**		**0.99**		NA	**0.3**	**J**	NA	NA	0.5	U
Copper, Total	1000	**2.24**		**0.44**	**J**	**0.6**	**J**	1	U	1	U	**1.39**		**1.31**		NA	1	U	NA	NA	1	U
Iron, Total	600	**275**		**156**		**228**		218		248		**696**		**626**		NA	50	U	NA	NA	50	U
Lead, Total	50	**0.66**	**J**	**0.45**	**J**	**0.53**	**J**	1	U	1	U	**0.85**	**J**	**0.71**	**J**	NA	1	U	NA	NA	1	U
Magnesium, Total	35000	**24800**		**26700**		**34500**		**9090**		**16900**		**31800**		**33200**		NA	70	U	NA	NA	70	U
Manganese, Total	600	**509.8**		**337.5**		**397**		**29.75**		**60.58**		**552.6**		**576.7**		NA	**0.57**	**J**	NA	NA	1	U
Mercury, Total	1.4	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NA	0.2	U	NA	NA	0.2	U
Nickel, Total	200	**3.99**		**13.19**		**10.26**		**4.37**		**2.19**		**8.18**		**8.3**		NA	2	U	NA	NA	2	U
Potassium, Total	-	**5330**		**5520**		**6740**		**3150**		**3510**		**5000**		**5190**		NA	100	U	NA	NA	100	U
Selenium, Total	20	**2.06**	**J**	**2.74**	**J**	**2.7**	**J**	**2.53**	**J**	**3.07**	**J**	**2.66**	**J**	**2.49**	**J**	NA	5	U	NA	NA	5	U
Silver, Total	100	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA	0.4	U	NA	NA	0.4	U
Sodium, Total	-	**135000**		**188000**		**179000**		**213000**		**162000**		**129000**		**132000**		NA	**226**		NA	NA	**276**	
Thallium, Total	0.5	1	U	1	U	1	U	1	U	**0.22**	**J**	**0.15**	**J**	1	U	NA	1	U	NA	NA	1	U
Vanadium, Total	-	5	U	5	U	5	U	5	U	5	U	5	U	5	U	NA	5	U	NA	NA	5	U
Zinc, Total	5000	10	U	10	U	10	U	10	U	10	U	10	U	10	U	NA	10	U	NA	NA	10	U

Table 2: Groundwater Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

LOCATION	NY-TOGS-GA	MW-1		MW-2		MW-3		MW-4		MW-5		MW-6		DUP-1 (MW-6)		TRIP BLANK	FIELD BLANK	TRIP BLANK	TRIP BLANK	FIELD BLANK	
SAMPLING DATE		6/18/2021		6/18/2021		6/18/2021		6/22/2021		6/22/2021		6/22/2021		6/22/2021		6/15/2021	6/15/2021	6/15/2021	6/18/2021	6/18/2021	
LAB SAMPLE ID		L2133428-03		L2133428-04		L2133428-05		L2133901-01		L2133901-02		L2133901-03		L2133901-04		L2132198-12	L2132198-11	L2132476-09	L2133428-02	L2133428-01	
		Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Qual	Results	Q	Results	Q
Dissolved Metals (ug/L)																							
Aluminum, Dissolved	2000	**3.63**	J	**15.9**		**5.75**	J	**4.5**	J	10	U	10	U	10	U	NA	NA	NA	NA	10	U
Antimony, Dissolved	6	4	U	4	U	4	U	4	U	4	U	4	U	4	U	NA	NA	NA	NA	4	U
Arsenic, Dissolved	50	**0.78**		**0.2**	J	**0.17**	J	**0.43**	J	0.6		0.5	U	0.5	U	NA	NA	NA	NA	0.5	U
Barium, Dissolved	2000	**158.4**		**97.38**		**76.77**		**49.47**		**70.7**		**109**		**107.8**		NA	NA	NA	NA	**0.2**	J
Beryllium, Dissolved	3	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	0.5	U	NA	NA	NA	NA	0.5	U
Cadmium, Dissolved	10	0.2	U	0.2	U	**0.08**	J	0.2	U	0.2	U	**0.13**	J	**0.1**	J	NA	NA	NA	NA	0.2	U
Calcium, Dissolved	-	**63200**		**81700**		**81400**		**34000**		**49800**		**70500**		**69800**		NA	NA	NA	NA	**52.4**	J
Chromium, Dissolved	100	**1.67**		**1.24**		**1.21**		**0.76**	J	**1.35**		**0.91**	J	**0.96**	J	NA	NA	NA	NA	1	U
Cobalt, Dissolved		**0.5**		**0.48**	J	**0.39**	J	0.5	U	0.5	U	**0.6**		**0.62**		NA	NA	NA	NA	0.5	U
Copper, Dissolved	1000	1	U	**0.4**	J	1	U	1	U	1	U	1	U	1	U	NA	NA	NA	NA	1	U
Iron, Dissolved	600	50	U	**71.8**		**37.6**	J	50	U	50	U	50	U	50	U	NA	NA	NA	NA	50	U
Lead, Dissolved	50	1	U	1	U	1	U	1	U	1	U	1	U	1	U	NA	NA	NA	NA	1	U
Magnesium, Dissolved	35000	**23500**		**25200**		**34000**		**8260**		**15700**		**31600**		**31400**		NA	NA	NA	NA	70	U
Manganese, Dissolved	600	**446.9**		**303.6**		**349.8**		**16.12**		**30.91**		**543.4**		**540.8**		NA	NA	NA	NA	1	U
Mercury, Dissolved	1.4	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	0.2	U	NA	NA	NA	NA	0.2	U
Nickel, Dissolved	200	**3.38**		**12.39**		**8.81**		**1.21**	J	**1.44**	J	**6.61**		**6.51**		NA	NA	NA	NA	2	U
Potassium, Dissolved	-	**4980**		**4870**		**6110**		**2950**		**3240**		**4620**		**4610**		NA	NA	NA	NA	100	U
Selenium, Dissolved	20	**1.83**	J	**2.43**	J	**2.51**	J	**2.25**	J	**2.74**	J	**2.55**	J	**2.37**	J	NA	NA	NA	NA	5	U
Silver, Dissolved	100	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	NA	NA	NA	NA	0.4	U
Sodium, Dissolved	-	**128000**		**176000**		**174000**		**201000**		**150000**		**127000**		**127000**		NA	NA	NA	NA	**329**	
Thallium, Dissolved	0.5	1	U	**0.34**	J	**0.17**	J	**0.32**	J	1	U	**0.4**	J	**0.22**	J	NA	NA	NA	NA	1	U
Vanadium, Dissolved	-	5	U	5	U	5	U	5	U	5	U	5	U	5	U	NA	NA	NA	NA	5	U
Zinc, Dissolved	5000	10	U	10	U	**4.4**	J	10	U	10	U	10	U	10	U	NA	NA	NA	NA	10	U
Perfluorinated Alkyl Acids by Isotope Dilution* (ug/L)																					
Perfluorobutanoic Acid (PFBA)	0.1	**0.00494**		**0.01**		**0.00952**		**0.00876**		**0.00945**		**0.0082**		**0.00838**		NA	0.00177	U	NA	NA	0.00179	U
Perfluoropentanoic Acid (PFPeA)	0.1	**0.0126**		**0.0234**		**0.0205**		**0.0184**		**0.0191**		**0.0192**		**0.0198**		NA	0.00177	U	NA	NA	0.00179	U
Perfluorobutanesulfonic Acid (PFBS)	0.1	**0.0024**		**0.00791**		**0.00675**		**0.00848**		**0.00991**		**0.00484**		**0.00491**		NA	0.00177	U	NA	NA	0.00179	U
Perfluorohexanoic Acid (PFHxA)	0.1	**0.0112**		**0.0193**		**0.0182**		**0.0136**		**0.0151**		**0.0161**		**0.0165**		NA	**0.000417**	J	NA	NA	**0.000358**	J
Perfluoroheptanoic Acid (PFHpA)	0.1	**0.00747**		**0.0136**		**0.0142**		**0.0123**		**0.0145**		**0.0111**		**0.0111**		NA	0.00177	U	NA	NA	0.00179	U
Perfluorohexanesulfonic Acid (PFHxS)	0.1	**0.00292**		**0.00683**	F	**0.00628**	F	**0.0045**	F	**0.00405**		**0.00543**	F	**0.00536**	F	NA	0.00177	U	NA	NA	0.00179	U
Perfluorooctanoic Acid (PFOA)	0.01	**0.0394**		**0.0988**		**0.137**		**0.0775**		**0.084**		**0.0738**		**0.0737**		NA	0.00177	U	NA	NA	0.00179	U
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	0.1	0.00176	U	**0.00636**		**0.0105**		**0.0146**		0.00177	U	**0.00165**	J	**0.00178**		NA	0.00177	U	NA	NA	0.00179	U
Perfluoroheptanesulfonic Acid (PFHpS)	0.1	0.00176	U	0.00176	U	0.00181	U	0.00195	U	0.00177	U	0.00179	U	0.00174	U	NA	0.00177	U	NA	NA	0.00179	U
Perfluorononanoic Acid (PFNA)	0.1	**0.00114**	J	**0.00157**	J	**0.00149**	J	**0.00231**		**0.00106**	J	**0.00135**	J	**0.00135**	J	NA	0.00177	U	NA	NA	0.00179	U
Perfluorooctanesulfonic Acid (PFOS)	0.01	**0.011**		**0.0167**		**0.0156**		**0.0278**		**0.0146**		**0.0143**		**0.0144**		NA	0.00177	U	NA	NA	0.00179	U
Perfluorodecanoic Acid (PFDA)	0.1	**0.000299**	JF	0.00176	U	0.00181	U	**0.00119**	J	0.00177	U	0.00179	U	0.00174	U	NA	0.00177	U	NA	NA	0.00179	U
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	0.1	0.00176	U	0.00176	U	0.00181	U	0.00195	U	0.00177	U	0.00179	U	0.00174	U	NA	0.00177	U	NA	NA	0.00179	U
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.1	0.00176	U	0.00176	U	0.00181	U	0.00195	U	0.00177	U	0.00179	U	0.00174	U	NA	0.00177	U	NA	NA	0.00179	U
Perfluoroundecanoic Acid (PFUnA)	0.1	0.00176	U	0.00176	U	0.00181	U	0.00195	U	0.00177	U	**0.000255**	JF	**0.000271**	J	NA	0.00177	U	NA	NA	0.00179	U
Perfluorodecanesulfonic Acid (PFDS)	0.1	0.00176	U	0.00176	U	0.00181	U	0.00195	U	0.00177	U	0.00179	U	0.00174	U	NA	0.00177	U	NA	NA	0.00179	U
Perfluorooctanesulfonamide (FOSA)	0.1	0.00176	U	0.00176	U	0.00181	U	0.00195	U	0.00177	U	0.00179	U	0.00174	U	NA	0.00177	U	NA	NA	0.00179	U
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.1	0.00176	U	0.00176	U	0.00181	U	0.00195	U	0.00177	U	0.00179	U	0.00174	U	NA	0.00177	U	NA	NA	0.00179	U
Perfluorododecanoic Acid (PFDoA)	0.1	0.00176	U	0.00176	U	0.00181	U	0.00195	U	0.00177	U	0.00179	U	0.00174	U	NA	0.00177	U	NA	NA	0.00179	U
Perfluorotridecanoic Acid (PFTrDA)	0.1	0.00176	U	0.00176	U	0.00181	U	0.00195	U	0.00177	U	0.00179	U	0.00174	U	NA	0.00177	U	NA	NA	0.00179	U
Perfluorotetradecanoic Acid (PFTA)	0.1	0.00176	U	0.00176	U	0.00181	U	0.00195	U	0.00177	U	0.00179	U	0.00174	U	NA	0.00177	U	NA	NA	0.00179	U
PFOA/PFOS, Total	0.5	**0.0504**		**0.116**		**0.153**		**0.105**		**0.0986**		**0.0881**		**0.0881**		NA	0.00177	U	NA	NA	0.00179	U

Table 2: Groundwater Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

Notes:

F = Results are considered to be an estimated maximum concentration.
NA = Not Analyzed
U = Indicates compound analyzed for but not detected
J = Indicates estimated value for TICs and all results when detected below the RL
- = No Standard
Units in ug/L, unless otherwise noted
Bold = Compound detected in sample
Value exceeds one or more criteria
RL is greater than one or more criteria
NY-TOGS-GA: New York TOGS 111 Groundwater Effluent Limitations criteria reflects all addendum to criteria through June 2004.
*Sampling, Analysis, and Assessment of Per-and Polyfluoroalkyl Substances (PFAS)Under NYSDEC's Part 375 Remedial Programs January 2021.

Table 3: Soil Gas Analytical Data Summary
205 Park Avenue
Brooklyn, New York
BCP Number: C224319

LOCATION	SG-1 (20-21')		SG-2 (20-21')		SG-2 (5-6')		SG-3 (20-21')		SG-5 (20-21')		SG-6 (20-21')		DUP 1 SG 6 (1-8-20) 20-21'		SG-7 (20-21')		SG-8 (5-6')		SG-8 (20-21')		SV-1		DUP-1 (SV-1)		SV-2		AA-1	
SAMPLING DATE	1/9/2020		1/9/2020		1/8/2020		1/8/2020		1/8/2020		1/8/2020		1/8/2020		1/8/2020		1/8/2020		1/9/2020		6/15/2021		6/15/2021		6/18/2021		6/18/2021	
LAB SAMPLE ID	L2001065-01		L2001065-02		L2000840-01		L2000840-02		L2000840-03		L2000840-04		L2001065-04		L2000840-05		L2000840-06		L2001065-03		L2132447-01		L2132447-02		L2133448-02		L2133448-01	
Volatile Organics in Air (ug/m3)	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q	Results	Q
Dichlorodifluoromethane	**2.38**		**2.24**		**1.65**		**2.13**		**2.62**		**2.52**		**3.09**		**1.93**		**1.9**		**2.73**		**5.04**		**2.27**		**1.9**		**2.28**	
Chloromethane	0.413	U	0.413	U	0.413	U	0.413	U	0.413	U	0.413	U	0.413	U	0.413	U	0.413	U	0.413	U	**1.88**		**0.818**		**0.415**		**1.05**	
Freon-114	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U	1.4	U
Vinyl chloride	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U	0.511	U
1,3-Butadiene	**1.72**		**0.794**		0.442	U	**5.75**		**13.1**		**1.12**		**0.832**		**1.05**		**2.57**		**3.85**		**2.48**		**1.36**		**1.84**		0.442	U
Bromomethane	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U	0.777	U
Chloroethane	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U	0.528	U
Ethanol	9.42	U	9.93		9.42	U	9.42	U	**10.5**		**20.9**		**18.2**		9.42	U	9.42	U	9.42	U	**243**		**116**		**146**		**15.6**	
Vinyl bromide	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U	0.874	U
Acetone	**94.8**		**161**		**62**		**76.7**		**59.9**		**138**		**144**		**105**		**109**		**309**		**119**		**123**		**70.3**		**13.8**	
Trichlorofluoromethane	**1.43**		**1.69**		1.12	U	1.12	U	1.12	U	**1.42**		**2.11**		**1.2**		1.12	U	**1.98**		**1.53**		**1.62**		**70.3**		**1.24**	
Isopropanol	1.23	U	**2.16**		**3.07**		**2.14**		**3.61**		**4.57**		**3**		**3.24**		**3.71**		1.23	U	**7.28**		**5.33**		**3.29**		**1.95**	
1,1-Dichloroethene	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U
Tertiary butyl Alcohol	1.52	U	**3.55**		1.52	U	1.52	U	**2.38**		**4.61**		**4.79**		1.52	U	**1.69**		1.52	U	**110**		**90.3**		**72.1**		1.52	U
Methylene chloride	1.74	U	1.74	U	**1.8**		1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	1.74	U	2.39		3.22		1.74	U	1.74	U
3-Chloropropene	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U	0.626	U
Carbon disulfide	**2.11**		**1.14**		0.623	U	**10.3**		**31**		**1.82**		**1.4**		**1.82**		**2.98**		**1.42**		**1.4**		**0.856**		**1.46**		0.623	U
Freon-113	1.53	U	1.53	U	1.53	U	1.53	U	1.53	U	1.53	U	1.53	U	1.53	U	1.53	U	1.53	U	1.53	U	1.53	U	1.53	U	1.53	U
trans-1,2-Dichloroethene	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U
1,1-Dichloroethane	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	1.41		0.809	U	0.809	U	0.809	U	0.809	U
Methyl tert butyl ether	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U
2-Butanone	**2.88**		**3.86**		**3.13**		**4.6**		**8.76**		**5.96**		**5.19**		**6.43**		**5.84**		**9.59**		**16.2**		**14.2**		**9.2**		1.47	U
cis-1,2-Dichloroethene	0.793	U	0.793	U	0.793	U	**1.8**		**2.45**		0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U	0.793	U
Ethyl Acetate	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U	1.8	U
Chloroform	**33.2**		**3.22**		0.977	U	**58.6**		**54.7**		**11.5**		**15.9**		**133**		**19.8**		**288**		**6.93**		**8.11**		**227**		0.977	U
Tetrahydrofuran	**2.85**		**3.51**		**4.36**		**5.99**		**5.43**		**6.31**		**4.78**		**5.22**		**5.84**		**2.28**		**4.1**		**2.92**		**2.91**		1.47	U
1,2-Dichloroethane	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U
n-Hexane	**3.7**		**3.45**		**1.6**		**6.45**		**9.13**		**4.05**		**2.66**		**3.48**		**4.72**		**5.57**		**11.8**		**5.32**		**78.2**		**0.888**	
1,1,1-Trichloroethane	1.09	U	1.09	U	1.09	U	**3.13**		1.09	U	1.09	U	**1.12**		**1.37**		**2.48**		**2.55**		1.09	U	1.09	U	**1.21**		1.09	U
Benzene	**2.3**		**2.06**		**1.11**		**6.01**		**14.6**		**2.42**		**1.84**		**2.58**		**2.97**		**3.26**		**4.25**		**2.46**		**5.65**		0.639	U
Carbon tetrachloride	1.26	U	1.26	U	1.26	U	**2.56**		**1.43**		1.26	U	**1.39**		**2.07**		**3.48**		**5.25**		1.26	U	1.26	U	1.26	U	1.26	U
Cyclohexane	**0.812**		0.688	U	0.688	U	**1.42**		**5.47**		**0.833**		0.688	U	**1.1**		**0.733**		**0.919**		**12.7**		**3.75**		**5.13**		0.688	U
1,2-Dichloropropane	0.924	U	0.924	U	0.924	U	0.924	U	0.924	U	0.924	U	0.924	U	0.924	U	0.924	U	0.924	U	0.924	U	0.924	U	0.924	U	0.924	U
Bromodichloromethane	1.34	U	1.34	U	1.34	U	1.34	U	1.34	U	1.34	U	1.34	U	**1.45**		1.34	U	1.34	U	1.34	U	1.34	U	1.34	U	1.34	U
1,4-Dioxane	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U	0.721	U
Trichloroethene	**9.46**		**1.6**		1.07	U	**23.8**		**18.3**		**8.6**		**11.4**		**12.6**		**1.42**		**11.3**		**5.8**		**8.06**		**5.54**		1.07	U
2,2,4-Trimethylpentane	0.934	U	0.934	U	0.934	U	0.934	U	0.934	U	**1.18**		0.934	U	**1.02**		0.934	U	0.934	U	**2.26**		**1.06**		0.934	U	0.934	U
Heptane	**2.25**		**2.03**		**1.08**		**3.78**		**6.48**		**2.48**		**1.84**		**2.7**		**2.86**		**3.33**		**9.84**		**6.52**		**13.3**		0.82	U
cis-1,3-Dichloropropene	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U
4-Methyl-2-pentanone	2.05	U	2.05	U	2.05	U	2.05	U	**2.09**		2.05	U	2.05	U	2.05	U	2.05	U	2.05	U	**3.05**		**2.19**		**2.96**		2.05	U
trans-1,3-Dichloropropene	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U	0.908	U
1,1,2-Trichloroethane	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U	1.09	U
Toluene	**10.2**		**7.99**		**7.99**		**15.9**		**14.7**		**11.4**		**8.89**		**15.4**		**11**		**12.9**		**18.8**		**11.2**		**12.2**		**1.3**	
2-Hexanone	0.82	U	0.82	U	0.82	U	0.82	U	**1.05**		0.82	U	0.82	U	0.82	U	0.82	U	0.84		0.82	U	0.82	U	0.82	U	0.82	U
Dibromochloromethane	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
1,2-Dibromoethane	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U	1.54	U
Tetrachloroethene	**113**		**41.8**		**25.1**		**182**		**174**		**88.8**		**209**		**134**		**55.4**		**181**		**102**		**180**		**119**		1.36	U
Chlorobenzene	0.921	U	0.921	U	0.921	U	0.921	U	0.921	U	0.921	U	0.921	U	0.921	U	0.921	U	0.921	U	**0.949**		**0.972**		0.921	U	0.921	U
Ethylbenzene	**2.02**		**1.27**		**1.84**		**3.25**		**2.57**		**1.82**		**2.22**		**3.65**		**2.44**		**3.08**		**2.62**		**2.4**		**3.51**		0.869	U
p/m-Xylene	**6.73**		**4.34**		**7.43**		**11.4**		**8.82**		**6.25**		**7.38**		**11.6**		**8.9**		**10.9**		**8.25**		**6.34**		**8.43**		1.74	U
Bromoform	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U	2.07	U
Styrene	0.852	U	0.852	U	0.852	U	0.852	U	0.852	U	0.852	U	0.852	U	0.852	U	0.852	U	0.852	U	2.09		0.945		1.26		0.852	U
1,1,2,2-Tetrachloroethane	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U	1.37	U
o-Xylene	**1.95**		**1.31**		**2.42**		**3.51**		**2.68**		**2.07**		**2.21**		**3.71**		**2.88**		**3.45**		**4.56**		**3.08**		3.89		0.869	U
4-Ethyltoluene	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	1.05		0.983	U	0.983	U	0.983	U
1,3,5-Trimethylbenzene	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	0.983	U	**0.988**		0.983	U	**1.61**		**1.02**		**1.44**		0.983	U	0.983	U
1,2,4-Trimethylbenzene	**1.47**		**1.9**		**4.51**		**4**		**3.89**		**4.61**		**3.07**		**4.53**		**4.58**		**2.62**		0.983	U	0.983	U	**6.54**		0.983	U
Benzyl chloride	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U	1.04	U
1,3-Dichlorobenzene	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.73		**1.88**		1.2	U	1.2	U	1.2	U	**10.7**		**16.1**		**14.3**		1.2	U
1,4-Dichlorobenzene	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
1,2-Dichlorobenzene	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U	1.2	U
1,2,4-Trichlorobenzene	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U	1.48	U
Hexachlorobutadiene	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U	2.13	U

Notes:
RL = Reporting Limit
ND = Indicates compound analyzed for but not detected
- = No Standard
Units in ug/m3
Bold = Compound detected in sample

APPENDICES

APPENDICES

APPENDIX A LIMITATIONS

USE OF REPORT

1. GZA GeoEnvironmental, Inc. (GZA) prepared this report on behalf of, and for the exclusive use of our Client for the stated purpose(s) and location(s) identified in the Proposal for Services and/or Report. Use of this report, in whole or in part, at other locations, or for other purposes, may lead to inappropriate conclusions; and we do not accept any responsibility for the consequences of such use(s). Further, reliance by any party not expressly identified in the agreement, for any use, without our prior written permission, shall be at that party's sole risk, and without any liability to GZA.

STANDARD OF CARE

2. GZA's findings and conclusions are based on the work conducted as part of the Scope of Services set forth in the Proposal for Services and/or Report and reflect our professional judgment. These findings and conclusions must be considered not as scientific or engineering certainties, but rather as our professional opinions concerning the limited data gathered during the course of our work. Conditions other than described in this report may be found at the subject location(s).

3. GZA's services were performed using the degree of skill and care ordinarily exercised by qualified professionals performing the same type of services, at the same time, under similar conditions, at the same or a similar property. No warranty, expressed or implied, is made. Specifically, GZA does not and cannot represent that the Site contains no hazardous material, oil, or other latent condition beyond that observed by GZA during its study. Additionally, GZA makes no warranty that any response action or recommended action will achieve all of its objectives or that the findings of this study will be upheld by a local, state or federal agency.

4. In conducting our work, GZA relied upon certain information made available by public agencies, Client and/or others. GZA did not attempt to independently verify the accuracy or completeness of that information. Inconsistencies in this information which we have noted, if any, are discussed in the Report.

SUBSURFACE CONDITIONS

5. The generalized soil profile(s) provided in our Report are based on widely-spaced subsurface explorations and are intended only to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized, and were based on our assessment of subsurface conditions. The composition of strata, and the transitions between strata, may be more variable and more complex than indicated. For more specific information on soil conditions at a specific location refer to the exploration logs. The nature and extent of variations between these explorations may not become evident until further exploration or construction. If variations or other latent conditions then become evident, it will be necessary to reevaluate the conclusions and recommendations of this report.

6. Water level readings have been made, as described in this Report, in and monitoring wells at the specified times and under the stated conditions. These data have been reviewed and interpretations have been made in this report. Fluctuations in the level of the groundwater however occur due to temporal or spatial variations in areal recharge rates, soil heterogeneities, the presence of subsurface utilities, and/or natural or artificially induced perturbations. The observed water table may be other than indicated in the Report.

COMPLIANCE WITH CODES AND REGULATIONS

7. We used reasonable care in identifying and interpreting applicable codes and regulations necessary to execute our scope of work. These codes and regulations are subject to various, and possibly contradictory, interpretations. Interpretations and compliance with codes and regulations by other parties is beyond our control.

SCREENING AND ANALYTICAL TESTING

8. GZA collected environmental samples at the locations identified in the Report. These samples were analyzed for the specific parameters identified in the report. Additional constituents, for which analyses were not conducted, may be present in soil, groundwater, surface water, sediment and/or air. Future Site activities and uses may result in a requirement for additional testing.

9. Our interpretation of field screening and laboratory data is presented in the Report. Unless otherwise noted, we relied upon the laboratory's QA/QC program to validate these data.

10. Variations in the types and concentrations of contaminants observed at a given location or time may occur due to release mechanisms, disposal practices, changes in flow paths, and/or the influence of various physical, chemical, biological or radiological processes. Subsequently observed concentrations may be other than indicated in the Report.

INTERPRETATION OF DATA

11. Our opinions are based on available information as described in the Report, and on our professional judgment. Additional observations made over time, and/or space, may not support the opinions provided in the Report.

ADDITIONAL INFORMATION

12. In the event that the Client or others authorized to use this report obtain additional information on environmental or hazardous waste issues at the Site not contained in this report, such information shall be brought to GZA's attention forthwith. GZA will evaluate such information and, on the basis of this evaluation, may modify the conclusions stated in this report.

ADDITIONAL SERVICES

13. GZA recommends that we be retained to provide services during any future investigations, design, implementation activities, construction, and/or property development/ redevelopment at the Site. This will allow us the opportunity to: i) observe conditions and compliance with our design concepts and opinions; ii) allow for changes in the event that conditions are other than anticipated; iii) provide modifications to our design; and iv) assess the consequences of changes in technologies and/or regulations.

CONCEPTUAL SITE MODEL

14. Our opinions were developed, in part, based upon a comparison of site data to conditions anticipated within our Conceptual Site Model (CSM). The CSM is based on available information, and professional judgment. There are rarely sufficient data to develop a unique CSM. Therefore observations over time, and/or space, may vary from those depicted in the CSM provided in this report. In addition, the CSM should be evaluated and refined (as appropriate) whenever significant new information and/or data is obtained.

NUMERICAL MODEL

15. Actual subsurface conditions are likely more complex than indicated in the Report. Our mathematical model is, by its very nature, a simplification of actual conditions. Except as noted in the report, we did not validate the code used in the model. In constructing the model, point specific data was generalized and extrapolated across the study area. In addition, in areas where field data was not available, we used professional judgment, based on experience and regional information, to construct the model. Model assumptions are provided in **Appendix __.** Actual flow patterns, contaminant concentrations, and/or ground water discharges, and contaminant masses may be other than simulated.

As additional field data becomes available our numerical model can be modified to better reflect conditions of possible interest.

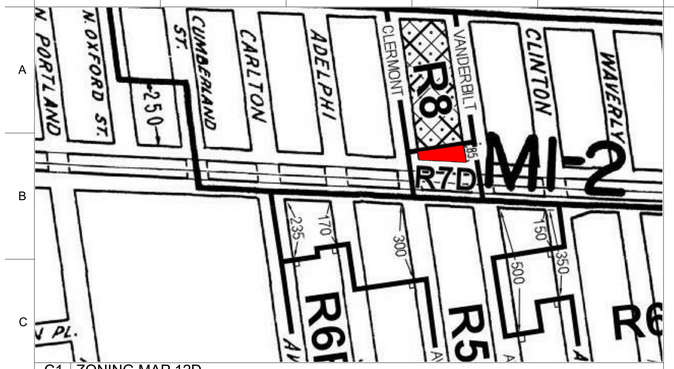
COST ESTIMATES

16. Unless otherwise stated, our cost estimates are only for comparative and general planning purposes. These estimates may involve approximate quantity evaluations. Note that these quantity estimates are not intended to be sufficiently accurate to develop construction bids, or to predict the actual cost of work addressed in this Report. Further, since we have no control over either when the work will take place or the labor and material costs required to plan and execute the anticipated work, our cost estimates were made by relying on our experience, the experience of others, and other sources of readily available information. Actual costs may vary over time and could be significantly more, or less, than stated in the Report.

RISK CHARACTERIZATION

17. Our risk evaluation was performed in accordance with generally accepted practices of appropriate Federal and/or state regulatory agencies, and of other consultants undertaking similar studies at the same time, for similar purposes, and under similar circumstances. The findings of the risk evaluation are dependent on the numerous assumptions and uncertainties inherent in the risk characterization process. Sources of the uncertainty may include Site conditions; Site use; the nature, extent, concentration and distribution of contaminants; and the available toxicity and/or health/risk based regulatory information. Consequently, the findings of the risk characterization are not an absolute characterization of actual risks; but rather serve to highlight potential incremental risks associated with activities indicated in the Report. Actual risks may be other than indicated in the Report.

APPENDIX B SITE DEVELOPMENT PLAN



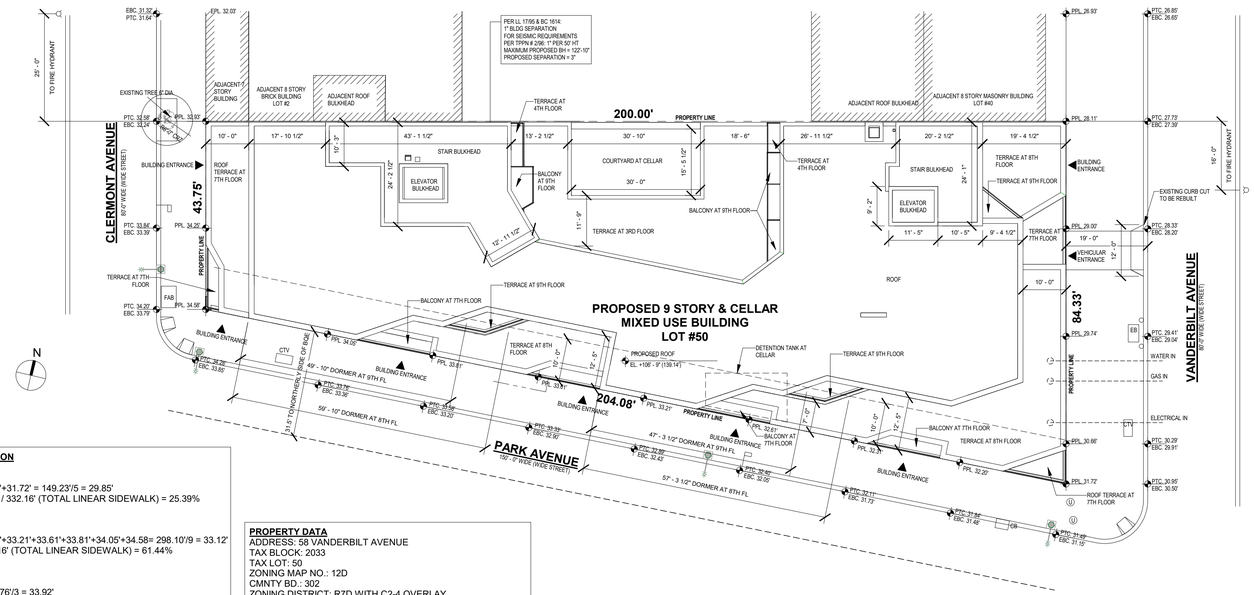
C1 | ZONING MAP 12D

N.T.S.

F1 | FEMA MAP

N.T.S.

ELEV. BULKHEAD +159.64'
STAIR BULKHEAD +150.14'
ROOF +139.14'
NINTH FLOOR +127.47'
EIGHTH FLOOR +116.72'
SEVENTH FLOOR +105.06'
SIXTH FLOOR +94.39'
FIFTH FLOOR +83.72'
FOURTH FLOOR +73.06'
THIRD FLOOR +62.39'
SECOND FLOOR +48.39'
FIRST FLOOR +33.39'
CELLAR -18.39'



N

G6 | PLOT PLAN

1/16" = 1'-0"

BASE PLANE CALCULATION

VANDERBILT AVENUE
28.01'+29.00'+29.74'+30.66'+31.72' = 149.23'/5 = 29.85'
84.33' (VANDERBILT AVE) / 332.16' (TOTAL LINEAR SIDEWALK) = 25.39%
29.85' X 25.39% = 7.57'

PARK AVENUE
31.72'+32.20'+32.31'+32.61'+33.21'+33.61'+33.81'+34.05'+34.58= 298.10'/9 = 33.12'
204.08' (PARK AVE) / 332.16' (TOTAL LINEAR SIDEWALK) = 61.44%
33.12' X 61.44% = 20.35'

CLERMONT AVENUE
34.58'+34.25'+32.93' = 101.76'/3 = 33.92'
43.75' (CLERMONT AVE) / 332.16' (TOTAL LINEAR SIDEWALK) = 13.17%
33.92' X 13.17% = 4.47'

7.57'+20.35'+4.47' = 32.39'

PROPERTY DATA
ADDRESS: 58 VANDERBILT AVENUE
TAX BLOCK: 2033
TAX LOT: 50
ZONING MAP NO.: 12D
ZONING DISTRICT: R7D WITH C2-4 OVERLAY
MANDATORY INCLUSIONARY HOUSING DESIGNATED AREA
FULLY WITHIN A TRANSIT ZONE
LITTLE E DESIGNATIONS: E-NO.: E-464; CEQR NO.: 15DCP083K
FOR SUBWAY AND LANDMARK MAP, SEE L1/Z-003.00

PROPERTY DATA
ADDRESS: 58 VANDERBILT AVENUE BROOKLYN, NY 11205
TAX BLOCK: 2033
TAX LOT: 50
ZONING MAP NO.: 12D
ZONING DISTRICT: R7D WITH C2-4 OVERLAY
COMMUNITY BOARD: 302
PROJECT IS NOT IN SFHA

THIS PROJECT WILL NOT BE A MODULAR CONSTRUCTION

SCOPE OF WORK
PROPOSED 9 STORY & CELLAR MIXED USE BUILDING WITH A TOTAL OF 90 DWELLING UNITS,
COMMERCIAL SPACE AND COMMUNITY FACILITY SPACE
STRUCTURAL OCCUPANCY CATEGORY: II
SEISMIC DESIGN CATEGORY: B
OCCUPANCY CLASSIFICATION: R-2, M & B
CONSTRUCTION CLASSIFICATION: IB
MULTIPLE DWELLING CLASSIFICATION: HAEA
LITTLE E DESIGNATIONS: E-NO.: E-464; CEQR NO.: 15DCP083K
PROJECT IS WITHIN A TRANSIT ZONE

USE REGULATION
ZR 22-10 : PERMITTED USE GROUPS : 1, 2, 3, 4
ZR 22-12 : PERMITTED USE GROUPS : 2
ZR 22-14 : PERMITTED USE GROUPS : 4
ZR 32-00 : PERMITTED USE GROUP : 5, 6, 7, 8, 9, 14
ZR 32-15 : PERMITTED USE GROUP : 6

PROPOSED USE GROUPS: 2A, 2B, 3A, 4A, 4C 6A, 6B, 6F

FLOOR AREA CALCULATIONS
ZR 23-154(D) SPECIAL FLOOR AREA PROVISIONS FOR ZONING LOTS IN MANDATORY INCLUSIONARY HOUSING AREAS
SPECIAL FLOOR AREA PROVISIONS FOR ZONING LOTS IN MANDATORY INCLUSIONARY HOUSING AREAS

FOR ZONING LOTS IN MANDATORY INCLUSIONARY HOUSING AREAS, THE FOLLOWING PROVISIONS SHALL APPLY:
(2) MAXIMUM FLOOR AREA RATIO
THE MAXIMUM FLOOR AREA RATIO FOR THE APPLICABLE ZONING DISTRICT IN INCLUSIONARY HOUSING DESIGNATED AREAS SET FORTH IN PARAGRAPH (B) OF THIS SECTION SHALL APPLY TO THE APPLICABLE ZONING DISTRICT IN A MANDATORY INCLUSIONARY HOUSING AREA.

DISTRICT	MAX. FLOOR AREA RATIO
R7D	5.60

12,808 SF x 5.6 = 71,724.80 SF MAX FLOOR AREA
PROPOSED FLOOR AREA = 71,720.56 SF / 12,808 SF = 5.6 FAR (OK) SEE SHEET Z-112.00 FOR ANALYSIS

LOT AREA =	12,808.00								
FLOOR	USE GROUP	GROSS BUILDING AREA (SF)		ZONING FLOOR AREA DEDUCTIONS (SF)		ZONING FA (SF) RESIDENTIAL	ZONING FA (SF) COMMERCIAL	ZONING FA (SF) COMMUNITY FACILITY	FAR
CELLAR	2B	6,414.05	12,248.33	6,414.05	12,248.33	0.00			0.00
	6B	5,834.28		5,834.28			0.00		0.00
1ST FLOOR	2B	2,843.79	12,048.03	1,335.62	1,402.76	1,508.17			0.12
	3A	2,998.58		26.56				2,972.02	0.23
	4C	21.91						21.91	0.00
	6A	4,557.02		9.26			4,547.76		0.36
	6B	1,626.73		31.32			1,595.41		0.12
2ND FLOOR	2B	10,707.04	12,205.42	9,080.19	9,086.53	1,626.85			0.13
	4A	1,469.34		6.34				1,463.00	0.13
	4C	29.04						29.04	0.00
3RD FLOOR	2A	10,565.63		3,234.75		7,330.88			0.57
4TH FLOOR	2A	10,432.33		1,283.95		9,148.38			0.71
5TH FLOOR	2A	10,417.01		1,281.62		9,135.39			0.71
6TH FLOOR	2A	10,432.33		1,283.95		9,148.38			0.71
7TH FLOOR	2A	10,417.01		1,281.62		9,135.39			0.71
8TH FLOOR	2A	8,083.93		1,188.69		6,895.24			0.54
9TH FLOOR	2A	7,940.93		1,189.45		6,751.48			0.53
ROOF	2B	1,496.63		1,085.37		411.26			0.03
TOTAL F.A. PER USE.:						61,091.42	6,143.17	4,485.97	
TOTAL		106,287.58		34,567.02			71,720.56		5.60
F.A.R.						4.76	0.48	0.35	

(3) OPTIONS FOR COMPLIANCE WITH AFFORDABLE HOUSING REQUIREMENT

OPTIONS FOR COMPLIANCE WITH THE AFFORDABLE HOUSING REQUIREMENT OF PARAGRAPH (D)(1) OF THIS SECTION ARE SET FORTH IN THE FOLLOWING PARAGRAPHS (D)(3)(I) THROUGH (D)(3)(V). THESE OPTIONS SHALL BE APPLICABLE WITHIN MANDATORY INCLUSIONARY HOUSING AREAS AS INDICATED IN APPENDIX F OF THIS RESOLUTION. THE DEEP AFFORDABILITY OPTION OR THE WORKFORCE OPTION SHALL ONLY BE MADE APPLICABLE IN COMBINATION WITH OPTION 1 OR OPTION 2. REGARDLESS OF WHETHER EVERY OPTION SPECIFIED IN THIS PARAGRAPH (D)(3), INCLUSIVE, IS INCLUDED IN A LAND USE APPLICATION FOR APPLICABILITY TO A PROPOSED MANDATORY INCLUSIONARY HOUSING AREA OR AS A TERM OR CONDITION OF A SPECIAL PERMIT PURSUANT TO THIS RESOLUTION, ALL AFFORDABILITY OPTIONS AVAILABLE UNDER THE PROVISIONS OF THIS PARAGRAPH (D)(3), INCLUSIVE, SHALL BE PART OF THE SUBJECT MATTER OF EACH SUCH APPLICATION THROUGHOUT THE LAND USE REVIEW PROCESS. THE WORKFORCE OPTION SHALL NOT BE APPLICABLE WITHIN THE MANHATTAN CORE. A DEVELOPMENT, ENLARGEMENT OR CONVERSION FROM NON-RESIDENTIAL TO RESIDENTIAL USE SHALL COMPLY WITH EITHER OPTION 1, OPTION 2, THE DEEP AFFORDABILITY OPTION, THE WORKFORCE OPTION, OR THE AFFORDABLE HOUSING FUND OPTION, AS APPLICABLE.

(i) OPTION 1
FOR MIH DEVELOPMENTS UTILIZING OPTION 1, AN AMOUNT OF AFFORDABLE FLOOR AREA FOR QUALIFYING HOUSEHOLDS SHALL BE PROVIDED THAT IS EQUAL TO AT LEAST 25 PERCENT OF THE RESIDENTIAL FLOOR AREA WITHIN SUCH MIH DEVELOPMENT. THE WEIGHTED AVERAGE OF ALL INCOME BANDS FOR AFFORDABLE HOUSING UNITS SHALL NOT EXCEED 60 PERCENT OF THE INCOME INDEX, AND THERE SHALL BE NO MORE THAN THREE INCOME BANDS. AT LEAST 10 PERCENT OF THE RESIDENTIAL FLOOR AREA WITHIN SUCH MIH DEVELOPMENT SHALL BE AFFORDABLE WITHIN AN INCOME BAND AT 40 PERCENT OF THE INCOME INDEX, AND NO INCOME BAND SHALL EXCEED 130 PERCENT OF THE INCOME INDEX.

OPTION 1 PROPOSED, SEE Z-109.00 : Z-112.00 FOR COMPLIANCE ALONG WITH SUBMISSION TO HPD(OK)

ZR 32-434 GROUND FLOOR USE IN C4-5D AND C6-3D DISTRICTS AND IN CERTAIN C2 DISTRICTS
C4-5D C6-3D

IN THE DISTRICTS INDICATED AND IN C2 DISTRICTS MAPPED WITHIN R7D OR R9D DISTRICTS, USES WITHIN STORIES THAT HAVE A FLOOR LEVEL WITHIN FIVE FEET OF CURB LEVEL SHALL BE LIMITED TO NON-RESIDENTIAL USES WHICH SHALL EXTEND ALONG THE ENTIRE WIDTH OF THE BUILDING, EXCEPT FOR TYPE 1 LOBBIES, ENTRANCES AND EXITS TO ACCESSORY OFF-STREET PARKING FACILITIES, AND ENTRYWAYS TO SUBWAY STATIONS PROVIDED IN ACCORDANCE WITH THE PROVISIONS OF SECTION 37-33 (MAXIMUM WIDTH OF CERTAIN USES). SUCH NON-RESIDENTIAL USES COMPLY WITH THE MINIMUM DEPTH PROVISIONS OF SECTION 37-32 (GROUND FLOOR DEPTH REQUIREMENTS FOR CERTAIN USES).

ENCLOSED PARKING SPACES, OR PARKING SPACES WITHIN A BUILDING, INCLUDING SUCH SPACES ACCESSORY TO RESIDENCES, SHALL BE PERMITTED TO OCCUPY STORIES THAT HAVE A FLOOR LEVEL WITHIN FIVE FEET OF CURB LEVEL PROVIDED THEY COMPLY WITH THE PROVISIONS OF SECTION 37-35 (PARKING WRAP AND SCREENING REQUIREMENTS). LOADING BERTHS SERVING ANY PERMITTED USE IN THE BUILDING MAY OCCUPY UP TO 40 FEET OF SUCH STREET FRONTAGE AND, IF SUCH BUILDING FRONTS ON BOTH A WIDE STREET AND A NARROW STREET, SUCH LOADING BERTH SHALL BE LOCATED ONLY ON A NARROW STREET.

IN C4-5D AND C6-3D DISTRICTS, AND IN C2 DISTRICTS MAPPED WITHIN R7D OR R9D DISTRICTS, EACH GROUND FLOOR LEVEL STREET WALL IN A BUILDING DEVELOPED OR ENLARGED ON THE GROUND FLOOR LEVEL SHALL COMPLY WITH THE GLAZING PROVISIONS SET FORTH IN SECTION 37-34 (MINIMUM TRANSPARENCY REQUIREMENTS).

PROPOSED USAGE OF STORY LOCATED AT OR WITHIN 5'-0" OF CURB LEVEL IS FOR COMMERCIAL, COMMUNITY FACILITY , TYPE 1 LOBBY AND ENTRANCE TO ACCESSORY OFF-STREET PARKING. SEE PLAN ON SHEET A-101.00 FOR COMPLIANCE (OK)

ZR 37-34 MINIMUM TRANSPARENCY REQUIREMENTS
THE GROUND FLOOR LEVEL STREET WALL ALONG A PRIMARY STREET FRONTAGE OR A DESIGNATED RETAIL STREET SET FORTH IN A SPECIAL PURPOSE DISTRICT, AS APPLICABLE, SHALL BE GLAZED WITH TRANSPARENT MATERIALS WHICH MAY INCLUDE SHOW WINDOWS, TRANSOM WINDOWS OR GLAZED PORTIONS OF DOORS, EXCEPT AS SET FORTH IN SECTION 37-31 (APPLICABILITY).

SUCH TRANSPARENT MATERIALS SHALL OCCUPY AT LEAST 50 PERCENT OF THE SURFACE AREA OF SUCH GROUND FLOOR LEVEL STREET WALL BETWEEN A HEIGHT OF TWO FEET AND 12 FEET, OR THE HEIGHT OF THE GROUND FLOOR CEILING, WHICHEVER IS HIGHER, AS MEASURED FROM THE ADJOINING SIDEWALK. TRANSPARENT MATERIALS PROVIDED TO SATISFY SUCH 50 PERCENT REQUIREMENT SHALL NOT BEGIN HIGHER THAN 2 FEET, 6 INCHES, ABOVE THE LEVEL OF THE ADJOINING SIDEWALK, WITH THE EXCEPTION OF TRANSOM WINDOWS, OR PORTIONS OF WINDOWS SEPARATED BY MULLIONS OR OTHER STRUCTURAL DIVIDERS, AND SHALL HAVE A MINIMUM WIDTH OF TWO FEET. THE MAXIMUM WIDTH OF A PORTION OF THE GROUND FLOOR LEVEL STREET WALL WITHOUT TRANSPARENCY SHALL NOT EXCEED 10 FEET.

HOWEVER, SUCH TRANSPARENCY REQUIREMENTS SHALL NOT APPLY TO PORTIONS OF THE GROUND FLOOR LEVEL OCCUPIED BY ENTRANCES OR EXITS TO ACCESSORY OFF-STREET PARKING FACILITIES AND PUBLIC PARKING GARAGES, WHERE PERMITTED, ENTRYWAYS TO REQUIRED LOADING BERTHS, WHERE PERMITTED, ENTRYWAYS TO SUBWAY STATIONS, AS APPLICABLE, OR DOORS ACCESSING EMERGENCY EGRESS STAIRWELLS AND PASSAGEWAYS.

AT GROUND FLOOR LEVEL TRANSPARENT MATERIALS OCCUPY 53.03%OF SURFACE AREA OF STREET WALL BETWEEN 2'-0" AND GROUND FLOOR CEILING. NO PORTION OF GROUND FLOOR LEVEL STREET WALL WITHOUT TRANSPARENCY EXCEEDS 10'-0. SEE ELEVATION AND CALCULATIONS ON SHEET A-200.00, DRAWING B1 FOR COMPLIANCE(OK)

LOT COVERAGE CALCULATIONS
ZR 23-153 FOR QUALITY HOUSING BUILDINGS
R6 **R7** R8 R9 R10

IN THE DISTRICTS INDICATED, FOR QUALITY HOUSING BUILDINGS, THE MAXIMUM FLOOR AREA RATIO AND MAXIMUM RESIDENTIAL LOT COVERAGE FOR INTERIOR LOTS OR THROUGH LOTS SHALL BE AS SET FORTH IN THE TABLE IN THIS SECTION. THE MAXIMUM RESIDENTIAL LOT COVERAGE FOR A CORNER LOT SHALL BE 100 PERCENT.

LOT COVERAGE ALLOWED 100% = 12,808 SF x 1.00 = 12,808 SF
PROPOSED LOT COVERAGE = 10,968.75 SF / 12,808 SF x 100% = 85.64% < 100% (OK)
SEE LOT COVERAGE DIAGRAM AND CALCULATIONS ON SHEET Z-100.00

ZR 23-158 SPECIAL LOT COVERAGE PROVISIONS FOR CERTAIN INTERIOR OR THROUGH LOTS
R6 **R7** R8 R9 R10
IN THE DISTRICTS INDICATED, THE MAXIMUM LOT COVERAGE SET FORTH IN SECTION 23-153 (FOR QUALITY HOUSING BUILDINGS), MAY BE INCREASED FOR SHALLOW ZONING LOTS IN ACCORDANCE WITH PARAGRAPH (A) OF THIS SECTION, AND MAY BE INCREASED FOR INTERIOR OR THROUGH LOTS WITHIN 100 FEET OF CORNERS OR LOCATED ALONG THE SHORT DIMENSION OF THE BLOCK, IN ACCORDANCE WITH PARAGRAPH (B) OF THIS SECTION.
(B)(2) ALONG THE SHORT DIMENSION OF THE BLOCK. IN THE DISTRICTS INDICATED, WHENEVER A FRONT LOT LINE OF AN INTERIOR OR THROUGH LOT COINCIDES WITH ALL OR PART OF A STREET LINE MEASURING LESS THAN 230 FEET IN LENGTH BETWEEN TWO INTERSECTING STREETS, THE MAXIMUM LOT COVERAGE FOR SUCH ZONING LOT, OR PORTION THEREOF, SHALL BE 100 PERCENT WITHIN 100 FEET OF SUCH FRONT LOT LINE.
FRONT LOT LINE COINCIDES WITH STREET LINE MEASURING 204'-1"<230'-0" (OK)

ZR 33-121 IN DISTRICTS WITH BULK GOVERNED BY RESIDENCE DISTRICT BULK REGULATIONS
C1-1 C1-2 C1-3 C1-4 C1-5 C2-1 C2-2 C2-3 **C2-4** C2-5

IN THE DISTRICTS INDICATED, FOR A ZONING LOT CONTAINING A COMMERCIAL OR COMMUNITY FACILITY USE, THE MAXIMUM FLOOR AREA RATIO IS DETERMINED BY THE RESIDENCE DISTRICT WITHIN WHICH SUCH COMMERCIAL DISTRICT IS MAPPED AND SHALL NOT EXCEED THE MAXIMUM FLOOR AREA RATIO SET FORTH IN THE FOLLOWING TABLE:

DISTRICT	COLUMN C - FOR ZONING LOTS CONTAINING BOTH COMMERCIAL AND COMMUNITY FACILITY USES
R7D	4.20

PROPOSED COMMERCIAL FLOOR AREA: 6,143.17 SF /12,808 SF = 0.48 FAR (OK)
PROPOSED COMMUNITY FACILITY FLOOR AREA: 4,485.97 SF /12,808 SF = 0.35 FAR (OK)
PROPOSED COMBINED COMMERCIAL AND COMMUNITY FACILITY FLOOR AREA: 10, 629.14 SF /12,808 SF= 0.83 FAR (OK)

DENSITY CALCULATION
ZR 23-22 MAXIMUM NUMBER OF DWELLING UNITS
FACTOR FOR DETERMINING MAXIMUM NUMBER OF DWELLING UNITS

DISTRICT	FACTOR FOR DWELLING UNITS
R7	680

ZR 23-24 SPECIAL PROVISIONS FOR BUILDINGS CONTAINING MULTIPLE USES
R1 R2 R3 R4 R5 R6 **R7** R8 R9 R10
IN ALL DISTRICTS, AS INDICATED, FOR ZONING LOTS WITH BUILDINGS CONTAINING MULTIPLE USES OR MULTIPLE BUILDINGS WITH DIFFERENT USES, THE MAXIMUM NUMBER OF DWELLING UNITS PERMITTED ON THE ZONING LOT SHALL EQUAL THE TOTAL RESIDENTIAL FLOOR AREA PERMITTED ON THE ZONING LOT AFTER DEDUCTING ANY NON-RESIDENTIAL FLOOR AREA AND ANY FLOOR AREA ALLOCATED TO AFFORDABLE INDEPENDENT RESIDENCES FOR SENIORS, DIVIDED BY THE APPLICABLE FACTOR IN SECTION 23-22 (MAXIMUM NUMBER OF DWELLING UNITS). WHERE FLOOR AREA IN A BUILDING IS SHARED BY MULTIPLE USES, THE FLOOR AREA FOR SUCH SHARED PORTION SHALL BE ATTRIBUTED TO EACH USE PROPORTIONATELY, BASED ON THE PERCENTAGE EACH USE OCCUPIES OF THE TOTAL FLOOR AREA OF THE ZONING LOT, LESS ANY SHARED FLOOR AREA.

ZR 35-40 APPLICABILITY OF DENSITY REGULATIONS
C1 **C2** C3 C4 C5 C6
IN THE DISTRICTS INDICATED, THE MAXIMUM NUMBER OF DWELLING UNITS ON A ZONING LOT SHALL EQUAL THE MAXIMUM RESIDENTIAL FLOOR AREA PERMITTED FOR THE ZONING LOT DETERMINED IN ACCORDANCE WITH THE PROVISIONS SET FORTH IN SECTION 35-30 (APPLICABILITY OF FLOOR AREA AND OPEN SPACE REGULATIONS) DIVIDED BY THE APPLICABLE FACTOR IN SECTION 23-20 (DENSITY REGULATIONS). FOR THE PURPOSES OF SUCH CALCULATION, THE MAXIMUM RESIDENTIAL FLOOR AREA PERMITTED ON THE ZONING LOT SHALL EQUAL THE APPLICABLE TOTAL FLOOR AREA PERMITTED ON THE ZONING LOT, MINUS THE AMOUNT OF NON-RESIDENTIAL FLOOR AREA AND FLOOR AREA ALLOCATED TO AFFORDABLE INDEPENDENT RESIDENCES FOR SENIORS.

PERMITTED RESIDENTIAL FLOOR AREA = 71,724.80 SF
71,724.80 SF - 6,143.17 SF(PROPOSED COMMERCIAL FLOOR AREA) - 4,485.97 SF (PROPOSED COMMUNITY FACILITY FLOOR AREA) = 61,095.66 SF
61,095.66 SF/ 680 = 89.85 = 90 MAX. DWELLING UNITS PERMITTED; PROPOSED: 90 DWELLING UNITS (OK)

ZR 23-462 SIDE YARDS
R6 **R7** R8 R9 R10
(C) IN THE DISTRICTS INDICATED, NO SIDE YARDS ARE REQUIRED.

ZR 35-52 MODIFICATION OF SIDE YARD REQUIREMENTS
C1 **C2** C3 C4 C5 C6
IN THE DISTRICTS INDICATED, EXCEPT AS OTHERWISE PROVIDED IN SECTION 35-54 (SPECIAL PROVISIONS APPLYING ADJACENT TO R1 THROUGH R5 DISTRICTS), NO SIDE YARD SHALL BE REQUIRED ALTHOUGH, IF ANY OPEN AREA EXTENDING ALONG A SIDE LOT LINE IS PROVIDED AT ANY LEVEL, IT SHALL HAVE A WIDTH OF NOT LESS THAN EIGHT FEET. PERMITTED OBSTRUCTIONS, PURSUANT TO PARAGRAPH (A) OF SECTION 33-23 (PERMITTED OBSTRUCTIONS IN REQUIRED YARDS OR REAR YARD EQUIVALENTS), SHALL BE PERMITTED IN SUCH OPEN AREAS.

ZR 23-471 MINIMUM REQUIRED REAR YARDS BEYOND 100 FEET OF A STREET LINE
(C) IN R6 THROUGH R10 DISTRICTS, NO REAR YARD SHALL BE REQUIRED WHERE SUCH REAR LOT LINE COINCIDES WITH A SIDE LOT LINE OF AN ADJOINING ZONING LOT.
NO REAR YARD PROPOSED. (OK)

ZR 35-50 MODIFICATION OF YARD REGULATIONS
IN MIXED BUILDINGS WITH DIFFERING YARD OR REAR YARD EQUIVALENT REQUIREMENTS FOR DIFFERENT USES, THE APPLICABLE RESIDENTIAL YARD AND REAR YARD EQUIVALENT REGULATIONS SHALL APPLY AT THE LOWEST STORY CONTAINING DWELLING UNITS WITH WINDOWS FACING ONTO SUCH RESIDENTIAL YARD OR REAR YARD EQUIVALENT, AS APPLICABLE.

ZR 23-542 ALONG SHORT DIMENSION OF BLOCK
R6 **R7** R8 R9 R10
IN THE DISTRICTS INDICATED, WHENEVER A FRONT LOT LINE OF A ZONING LOT COINCIDES WITH ALL OR PART OF A STREET LINE MEASURING LESS THAN 230 FEET IN LENGTH BETWEEN TWO INTERSECTING STREETS, NO REAR YARD SHALL BE REQUIRED WITHIN 100 FEET OF SUCH FRONT LOT LINE.
FRONT LOT LINE COINCIDES WITH STREET LINE MEASURING 204'-1" < 230'-0" (OK)

L1 | ZONING ANALYSIS

N.T.S.

58 VANDERBILT AVENUE

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REVISION TABLE		
NUMBER	DATE	DESCRIPTION

100% CD

ZONING MAP & ANALYSIS

DOB JOB #	321595797
BIN #	3428621
DATE	01/26/2021
DRAWN BY	NP
SCALE	AS NOTED

Z-001.00

SHEET 3 OF 108

DOB BSCAN STICKER

PLUMBING
ELECTRICAL
MECHANICAL
STRUCTURAL
ARCHITECTURAL

ZR35-651 STREET WALL LOCATION
C1 **C2** C4 C5 C6

IN THE DISTRICTS INDICATED, THE STREET WALL LOCATION PROVISIONS OF PARAGRAPHS (A), (B), (C) OR (D) OF THIS SECTION SHALL APPLY TO ALL QUALITY HOUSING BUILDINGS, AS APPLICABLE.

ANY STREET WALL MAY BE DIVIDED INTO DIFFERENT SEGMENTS, AND LOCATED AT VARYING DEPTHS FROM THE STREET LINE, TO ALLOW FOR BUILDING RECESSES, PROJECTIONS, OUTER COURTS AND OTHER FORMS OF ARTICULATION, PROVIDED THAT EACH PORTION COMPLIES WITH THE APPLICABLE STREET WALL LOCATION PROVISIONS OF PARAGRAPHS (A), (B), (C) OR (D) OF THIS SECTION. RECESSES, PROJECTIONS AND OTHER FORMS OF ARTICULATION BEYOND THE STREET WALL LOCATIONS ESTABLISHED IN PARAGRAPHS (A), (B), (C) OR (D) ARE PERMITTED ONLY IN ACCORDANCE WITH PARAGRAPH (E) OF THIS SECTION.

(B) IN THE DISTRICTS INDICATED, AND IN C1 OR C2 DISTRICTS WHEN MAPPED WITHIN R7D, R8A, R8B, R8X, R9A, R9X, R10A OR R10X DISTRICTS, AND FOR QUALITY HOUSING BUILDINGS IN OTHER C1, C2, C4, C5 OR C6 DISTRICTS WITH A RESIDENTIAL EQUIVALENT OF AN R8, R9 OR R10 DISTRICT, THE FOLLOWING STREET WALL LOCATION PROVISIONS SHALL APPLY ALONG WIDE STREETS, AND ALONG NARROW STREETS WITHIN 50 FEET OF THEIR INTERSECTION WITH A WIDE STREET:

(1) THE STREET WALL SHALL BE LOCATED ON THE STREET LINE AND EXTEND ALONG THE ENTIRE STREET FRONTAGE OF THE ZONING LOT UP TO AT LEAST THE MINIMUM BASE HEIGHT SPECIFIED IN SECTION 35-652 AND 23-662, OR THE HEIGHT OF THE BUILDING, WHICHEVER IS LESS. HOWEVER, TO ALLOW ARTICULATION OF STREET WALLS AT THE INTERSECTION OF TWO STREET LINES, THE STREET WALL MAY BE LOCATED ANYWHERE WITHIN AN AREA BOUNDED BY THE TWO STREET LINES AND A LINE CONNECTING SUCH STREET LINES AT POINTS 15 FEET FROM THEIR INTERSECTION, OR, FOR CORNER LOTS WITH AN ANGLE OF 75 DEGREES OR LESS, AT POINTS 30 FEET FROM THEIR INTERSECTION.

PROPOSED STREET WALLS AT CLERMONT AVENUE, PARK AVENUE AND VANDERBILT AVENUE ARE LOCATED ON THE STREET LINE UP TO THE BASE HEIGHT. AT THE INTERSECTIONS OF CLERMONT AVENUE/PARK AVENUE AND PARK AVENUE/VANDERBILT AVENUE, THE STREET WALL ARTICULATION FALLS WITHIN A LINE CONNECTED FROM POINTS 15-0" FROM THE CORNER IN EACH RESPECTIVE DIRECTION. SEE ARCHITECTURAL PLANS ON SHEETS A-101:A-105 FOR COMPLIANCE (OK)

(2) ABOVE A HEIGHT OF 15 FEET ABOVE THE BASE PLANE, OR THE HEIGHT OF THE FIRST STORY, WHICHEVER IS LOWER, UP TO 30 PERCENT OF THE AGGREGATE WIDTH OF STREET WALLS MAY BE RECESSED BEYOND THE STREET LINE, PROVIDED ANY SUCH RECESSES DEEPER THAN 10 FEET ALONG A WIDE STREET, OR 15 FEET ALONG A NARROW STREET, ARE LOCATED WITHIN AN OUTER COURT. FURTHERMORE, NO RECESSES SHALL BE PERMITTED WITHIN 30 FEET OF THE INTERSECTION OF TWO STREET LINES EXCEPT TO ARTICULATE THE STREET WALLS AS SET FORTH IN PARAGRAPH (B)(1) OF THIS SECTION.

PROPOSED RECESSES ALONG CLERMONT AVENUE, PARK AVENUE AND VANDERBILT AVENUE DO NOT EXCEED 30% OF THEIR RESPECTIVE STREET WALLS. NO PROPOSED RECESSES DEEPER THAN 10'-0". SEE ARCHITECTURAL PLANS ON SHEETS A-101:A-105 FOR COMPLIANCE (OK)

STREET WALL ALONG VANDERBILT COMPLIES, SEE CALCULATIONS ON ARCHITECTURAL PLANS A-101:A-105 (OK)

C1 **C2** C4 C5 C6
(E) STREET WALL ARTICULATION, INCLUDING, BUT NOT LIMITED TO, WINDOW RECESSES AND STRUCTURAL EXPRESSION ON THE BUILDING FACADE, SHALL BE PERMITTED TO PROJECT OR RECESS BEYOND THE STREET WALL LOCATIONS ESTABLISHED IN PARAGRAPHS (A), (B), (C) OR (D) OF THIS SECTION, PROVIDED SUCH ARTICULATION DOES NOT EXCEED A DEPTH OR PROJECTION OF 12 INCHES. IN ADDITION, TO ACCOMMODATE OTHER FORMS OF STREET WALL ARTICULATION, SUCH AS BAY WINDOWS, AND FACADE RECESSES, UP TO 50 PERCENT OF THE AGGREGATE WIDTH OF STREET WALL, AT ANY LEVEL, MAY RECESS OR PROJECT BEYOND SUCH STREET WALL LOCATION PROVISIONS OF THIS SECTION, PROVIDED THAT NO SUCH RECESS OR PROJECTION EXCEEDS A DEPTH OF THREE FEET, AS MEASURED PERPENDICULAR FROM THE STREET WALL, OR PORTION THEREOF. NO PROJECTION SHALL EXTEND BEYOND THE STREET LINE, EXCEPT WHERE ENCROACHMENTS INTO THE PUBLIC RIGHT-OF-WAY ARE PERMITTED BY THE NEW YORK CITY ADMINISTRATIVE CODE.

STREET WALL ALONG PARK AVE. COMPLIES, SEE CALCULATIONS ON ARCHITECTURAL PLANS A-101:A-105 (OK)
STREET WALL ALONG CLERMONT AVE. COMPLIES, SEE CALCULATIONS ON ARCHITECTURAL PLANS A-101:A-105 (OK)

ZR 23-662 MAXIMUM HEIGHT OF BUILDINGS AND SETBACK REGULATIONS
(C)SETBACK REQUIREMENTS
FOR ALL QUALITY HOUSING BUILDINGS, A SETBACK SHALL BE PROVIDED IN ACCORDANCE WITH THE FOLLOWING REGULATIONS:
(1)AT A HEIGHT NOT LOWER THAN THE MINIMUM BASE HEIGHT OR HIGHER THAN THE MAXIMUM BASE HEIGHT SPECIFIED FOR THE APPLICABLE DISTRICT IN PARAGRAPH (B) OF THIS SECTION, A SETBACK WITH A DEPTH OF AT LEAST TEN FEET SHALL BE PROVIDED FROM ANY STREET WALL FRONTING ON A WIDE STREET, AND A SETBACK WITH A DEPTH OF AT LEAST 15 FEET SHALL BE PROVIDED FROM ANY STREET WALL FRONTING ON A NARROW STREET.

ZR 23-664 MODIFIED HEIGHT AND SETBACK REGULATIONS FOR CERTAIN INCLUSIONARY HOUSING BUILDINGS
R6 **R7** R8 R9 R10
IN THE DISTRICTS INDICATED, THE PROVISIONS OF THIS SECTION SHALL APPLY TO QUALITY HOUSING BUILDINGS ON ZONING LOTS MEETING THE CRITERIA SET FORTH IN PARAGRAPH (A) OF THIS SECTION.
(A) ELIGIBLE BUILDINGS
THE ADDITIONAL HEIGHTS AND NUMBER OF STORIES PERMITTED PURSUANT TO THIS SECTION SHALL APPLY TO:

(3) MIH DEVELOPMENTS ON MIH ZONING LOTS THAT ALSO CONTAIN MIH SITES, WHERE SUCH MIH ZONING LOT CONTAINS ALL AFFORDABLE FLOOR AREA REQUIRED FOR SUCH MIH DEVELOPMENT

SEE COMPLIANCE WITH ZR 23-154(D)(3) OPTION 1 ON Z-109.00 : Z-112.00, ALONG WITH HPD SUBMISSION (OK)

DISTRICT	MIN BASE HEIGHT	MAX BASE HEIGHT	MAX BUILDING HEIGHT (WITH QUALIFYING GROUND FLOOR)	MAX NUMBER OF STORIES
R7D	60	95	115	11

PROPOSED BASE HEIGHT: 84'-4" (OK)
PROPOSED BUILDING HEIGHT: 106'-9" (OK)
PROPOSED NUMBER OF STORIES: 9

SETBACKS REQUIRED AT WIDE STREETS CLERMONT AVENUE, VANDERBILT AVENUE AND PARK AVENUE: 10'-0"
SETBACK PROVIDED ALONG CLERMONT AVENUE AND VANDERBILT AVENUE: 10'-0" (OK)
SETBACK PROVIDED ALONG PARK AVENUE: 12'-5" (OK)

ZR 23-62 PERMITTED OBSTRUCTIONS
(G)ELEVATOR OR STAIR BULKHEADS (INCLUDING SHAFTS; AND VESTIBULES NOT LARGER THAN 60 SQUARE FEET IN AREA PROVIDING ACCESS TO A ROOF), ROOF WATER TANKS AND ACCESSORY MECHANICAL EQUIPMENT (INCLUDING ENCLOSURES), OTHER THAN SOLAR OR WIND ENERGY SYSTEMS, PROVIDED THAT:
(1)SUCH OBSTRUCTIONS SHALL BE LOCATED NOT LESS THAN 10 FEET FROM THE STREET WALL OF A BUILDING, EXCEPT THAT SUCH OBSTRUCTIONS NEED NOT BE SET BACK MORE THAN 25 FEET FROM A NARROW STREET LINE OR MORE THAN 20 FEET FROM A WIDE STREET LINE. HOWEVER, SUCH RESTRICTIONS ON LOCATION SHALL NOT APPLY TO ELEVATOR OR STAIR BULKHEADS (INCLUDING SHAFTS OR VESTIBULES), PROVIDED THE AGGREGATE WIDTH OF STREET WALLS OF SUCH BULKHEADS WITHIN 10 FEET OF A STREET WALL, FACING EACH STREET FRONTAGE, TIMES THEIR AVERAGE HEIGHT, IN FEET, DOES NOT EXCEED AN AREA EQUAL TO FOUR TIMES THE WIDTH, IN FEET, OF THE STREET WALL OF THE BUILDING FACING SUCH FRONTAGE;
(2)ALL MECHANICAL EQUIPMENT SHALL BE SCREENED ON ALL SIDES;
(3)SUCH OBSTRUCTIONS AND SCREENING ARE CONTAINED WITHIN A VOLUME THAT COMPLIES WITH ONE OF THE FOLLOWING:
(i)THE PRODUCT, IN SQUARE FEET, OF THE AGGREGATE WIDTH OF STREET WALLS OF SUCH OBSTRUCTIONS FACING EACH STREET FRONTAGE, TIMES THEIR AVERAGE HEIGHT, SHALL NOT EXCEED AN AREA EQUAL TO EIGHT FEET TIMES THE WIDTH, IN FEET, OF THE STREET WALL OF THE BUILDING FACING SUCH FRONTAGE; OR
(ii)THE LOT COVERAGE OF ALL SUCH OBSTRUCTIONS DOES NOT EXCEED 20 PERCENT OF THE LOT COVERAGE OF THE BUILDING, AND WHERE THE MAXIMUM PERMITTED HEIGHT OF A BUILDING IS LESS THAN 120 FEET, SUCH OBSTRUCTIONS ARE LIMITED TO A MAXIMUM HEIGHT OF 25 FEET, AND WHERE THE MAXIMUM PERMITTED HEIGHT OF A BUILDING IS 120 FEET OR GREATER, SUCH OBSTRUCTIONS ARE LIMITED TO A MAXIMUM HEIGHT OF 40 FEET.

ZR 23-851 MINIMUM DIMENSIONS OF INNER COURTS
R6 **R7** R8 R9 R10
(b)IN THE DISTRICTS INDICATED, THE AREA OF AN INNER COURT SHALL NOT BE LESS THAN 1,200 SQUARE FEET, AND THE MINIMUM DIMENSION OF SUCH INNER COURT SHALL NOT BE LESS THAN 30 FEET. HOWEVER, THE AREA AND DIMENSIONS OF AN INNER COURT MAY BE REDUCED FOR A SMALL INNER COURT, PROVIDED THAT:
(1)NO LEGALLY REQUIRED WINDOWS SHALL FACE ONTO SUCH SMALL INNER COURT OR ANY INNER COURT RECESS THEREOF;
(2)THE AREA OF SUCH SMALL INNER COURT SHALL NOT BE LESS THAN 200 SQUARE FEET AND NO DIMENSION SHALL BE LESS THAN 10 FEET; AND
(3)WHERE THE PERIMETER WALLS OF SUCH SMALL INNER COURT EXCEED A HEIGHT OF 75 FEET, AS MEASURED FROM THE LOWEST LEVEL OF SUCH INNER COURT, AT LEAST 50 PERCENT OF SUCH PERIMETER WALLS ABOVE A HEIGHT OF 75 FEET SHALL SETBACK 10 FEET FROM THE COURT OPENING. HOWEVER, THE DEPTH OF SUCH REQUIRED SETBACK MAY BE REDUCED ONE FOOT FOR EVERY FOOT THE MINIMUM DIMENSION OF SUCH COURT EXCEEDS A WIDTH OF 10 FEET.

30'-0" X 40'-0" (1200 SF) INNER COURT PROVIDED AT THIRD TO NINTH FLOOR WITH INNER COURT RECESSES TOTALING 1953.84 SF; TO BE USED FOR LIGHT AND AIR. SEE DIMENSIONS ON ARCHITECTURAL PLANS A-103:A-107(OK)

30'-0" X 15'-7 1/2" (468.75 SF) SMALL INNER COURT AT CELLAR TO SECOND FLOOR NOT USED FOR LEGALLY REQUIRED LIGHT AND AIR. SEE DIMENSIONS ON ARCHITECTURAL PLANS A-100:A-102 (OK)

ZR 23-87 PERMITTED OBSTRUCTIONS IN COURTS
R1 R2 R3 R4 R5 R6 **R7** R8 R9 R10

IN ALL DISTRICTS, AS INDICATED, THE FOLLOWING OBSTRUCTIONS SHALL BE PERMITTED WITHIN THE MINIMUM AREA AND DIMENSIONS NEEDED TO SATISFY THE REQUIREMENTS FOR A COURT :
(H) OPEN TERRACES, PORCHES, STEPS, RAMPS OR LIFTS FOR PERSONS WITH PHYSICAL DISABILITIES

PROPOSED BALCONIES IN REAR COURT ARE OUTSIDE OF THE MINIMUM REQUIRED COART AREA AND DIMENSIONS, SEE PLANS ON SHEETS A-104 TO A-109 FOR COMPLIANCE (OK)

ZR 25-12 MAXIMUM SIZE OF ACCESSORY GROUP PARKING FACILITIES
R1 R2 R3 R4 R5 R6 R7 R8 R9 R10
IN ALL DISTRICTS, AS INDICATED, NO GROUP PARKING FACILITY ACCESSORY TO RESIDENCES SHALL CONTAIN MORE THAN 200 OFF-STREET PARKING SPACES.
34 PARKING SPACES PROPOSED (OK)

ZR 25-251 INCOME RESTRICTED HOUSING UNITS
WITHIN THE TRANSIT ZONE, NO ACCESSORY OFF-STREET PARKING SPACES SHALL BE REQUIRED FOR INCOME-RESTRICTED HOUSING UNITS DEVELOPED AFTER MARCH 22, 2016.

PROJECT IS IN TRANSIT ZONE, SEE MAP ON THIS SHEET; NO ACCESSORY PARKING PROPOSED FOR INCOME-RESTRICTED HOUSING UNITS (OK)

ZR 36-33 REQUIREMENTS WHERE GROUP PARKING FACILITIES ARE PROVIDED
R1 R2 R3 R4 R5 R6 **R7** R8 R9 R10
IN ALL DISTRICTS, AS INDICATED, WHERE GROUP PARKING FACILITIES ARE PROVIDED, FOR ALL NEW RESIDENCES, ACCESSORY OFF-STREET PARKING SPACES SHALL BE PROVIDED FOR AT LEAST THAT PERCENTAGE OF THE TOTAL NUMBER OF RESIDENCES SET FORTH IN THE FOLLOWING TABLE. SUCH SPACES SHALL BE KEPT AVAILABLE TO THE RESIDENTS OF THE BUILDING, IN ACCORDANCE WITH THE PROVISIONS OF SECTION 25-41

DISTRICT	PERCENT OF TOTAL RESIDENCES
R7D	50 %

90 DWELLING UNITS PROPOSED
23 INCLUSIONARY/INCOME-RESTRICTED HOUSING UNITS
67 MARKET RATE UNITS PROPOSED
67 x 50% =33.5 = 34 REQUIRED PARKING SPACES
9 SPACES AT CELLAR, 25 SPACES AT 2ND FL = 34 TOTAL PARKING SPACES PROPOSED (OK)

ZR 36-21 REQUIRED ACCESSORY OFF-STREET PARKING SPACES FOR COMMERCIAL OR COMMUNITY FACILITY USES
C1 C2 C3 C4 C5 C6 C7 C8

IN ALL DISTRICTS, AS INDICATED, ACCESSORY OFF-STREET PARKING SPACES, OPEN OR ENCLOSED, SHALL BE PROVIDED IN CONFORMITY WITH THE REQUIREMENTS SET FORTH IN THE TABLE IN THIS SECTION FOR ALL DEVELOPMENTS AFTER DECEMBER 15, 1961, FOR THE COMMERCIAL OR COMMUNITY FACILITY USES LISTED IN THE TABLE. IF AN ENLARGEMENT RESULTS IN A NET INCREASE IN THE FLOOR AREA OR OTHER APPLICABLE UNIT OF MEASUREMENT SPECIFIED IN THE TABLE, THE SAME REQUIREMENTS SET FORTH IN THE TABLE SHALL APPLY TO SUCH NET INCREASE IN THE FLOOR AREA OR OTHER SPECIFIED UNIT OF MEASUREMENT. IN ADDITION, ALL OTHER APPLICABLE REQUIREMENTS OF THIS CHAPTER SHALL APPLY AS A CONDITION PRECEDENT TO THE USE OF SUCH DEVELOPMENT OR ENLARGEMENT.

A PARKING SPACE IS REQUIRED FOR A PORTION OF A UNIT OF MEASUREMENT ONE-HALF OR MORE OF THE AMOUNT SET FORTH IN THE TABLE.

TYPE OF USE	PARKING SPACES REQUIRED IN RELATION TO SPECIFIED UNIT OF MEASUREMENT	DISTRICT
COMMERCIAL		
GENERAL RETAIL OR SERVISE USE	1 PER 1,000 SQUARE FEET OF FLOOR AREA	C2-4
COMMUNITY FACILITY		
AMB. DIAGNOSTIC OR TREATMENT HEALTHCARE FAC. LISTED IN UG 4	1 PER 1,000 SQUARE FEET OF FLOOR AREA	C2-4

PROPOSED COMMERCIAL FLOOR AREA: 6,143.17 SF / 1,000 = 6.14 = 6 PARKING SPACES FOR COMMERCIAL REQ'D

PROPOSED COMMUNITY FACILITY FLOOR AREA: 4,485.97 SF/1,000 = 4.48 = 4 PARKING SPACE FOR COMM. FAC. REQ'D

WAIVER OF REQUIREMENTS FOR SPACES BELOW MINIMUM NUMBER
ZR 36-232 IN DISTRICTS WITH VERY LOW PARKING REQUIREMENTS
C2-4
IN ALL DISTRICTS INDICATED, EXCEPT FOR THE USES LISTED IN SECTION 36-233, THE PARKING REQUIREMENTS SET FORTH IN SECTION 36-21 OR SECTION 36-22 SHALL NOT APPLY TO:
(A) COMMERCIAL USES IN PARKING REQUIREMENT CATEGORY A OR B, IF THE TOTAL NUMBER OF ACCESSORY OFF-STREET PARKING SPACES REQUIRED FOR ALL SUCH USES ON THE ZONING LOT IS LESS THAN 40, OR 100 IN THE CASE OF C6-1A DISTRICTS; OR

(B) COMMERCIAL USES IN ANY ONE OF PARKING REQUIREMENT CATEGORIES B1, C, D, E OR H, OR A PERMITTED COMMUNITY FACILITY USE, IF THE NUMBER OF ACCESSORY OFF-STREET PARKING SPACES REQUIRED FOR THE USES IN EACH SUCH CATEGORY OR FOR EACH SUCH COMMUNITY FACILITY USE IS LESS THAN 40.

COMMERCIAL: 6 REQUIRED SPOTS < 40, SO PARKING WAIVED. (OK)
COMMUNITY FACILITY: 4 REQUIRED SPOT < 40, SO PARKING WAIVED. (OK)

ZR 36-33 REQUIREMENTS WHERE GROUP PARKING FACILITIES ARE PROVIDED
C1 **C2** C3 C4 C5 C6 C7 C8

IN THE DISTRICTS INDICATED, FOR RESIDENCES DEVELOPED UNDER SINGLE OWNERSHIP OR CONTROL WHERE GROUP PARKING FACILITIES ARE PROVIDED, THE NUMBER OF REQUIRED ACCESSORY OFF-STREET PARKING SPACES IS AS SET FORTH IN SECTION 25-23 (REQUIREMENTS WHERE GROUP PARKING FACILITIES ARE PROVIDED), FOR THE APPLICABLE RESIDENCE DISTRICT, AS DETERMINED IN ACCORDANCE WITH SECTION 35-22 OR 35-23. FOR THE PURPOSE OF DETERMINING THE NUMBER OF REQUIRED ACCESSORY OFF-STREET PARKING SPACES FOR SUCH RESIDENCES IN C1-6, C2-6, C4-4, C4-5 AND C6-1 DISTRICTS, THE REGULATIONS OF AN R7-2 DISTRICT SHALL APPLY. FOR C1 OR C2 DISTRICTS MAPPED WITHIN LOWER DENSITY GROWTH MANAGEMENT AREAS, THE NUMBER OF REQUIRED ACCESSORY OFF-STREET PARKING SPACES FOR SUCH RESIDENCES SHALL BE 100 PERCENT OF THE NUMBER OF NEW DWELLING UNITS, AND FOR C1 OR C2 DISTRICTS MAPPED WITHIN R5A AND R5B DISTRICTS, THE NUMBER OF REQUIRED ACCESSORY OFF-STREET PARKING SPACES FOR SUCH RESIDENCES SHALL BE IN ACCORDANCE WITH AN R5 DISTRICT WITHOUT A LETTER SUFFIX.

ZR 25-811 ENCLOSED BICYCLE PARKING SPACES
R1 R2 R3 R4 R5 R6 R7 R8 R9 R10
IN ALL DISTRICTS, AS INDICATED, ENCLOSED ACCESSORY BICYCLE PARKING SPACES SHALL BE PROVIDED FOR AT LEAST THAT AMOUNT SPECIFIED FOR THE APPLICABLE USE SET FORTH IN THE TABLE IN THIS SECTION. FOR THE PURPOSES OF CALCULATING THE NUMBER OF REQUIRED BICYCLE PARKING SPACES, ANY FRACTION OF A SPACE 50 PERCENT OR GREATER SHALL BE COUNTED AS AN ADDITIONAL SPACE.

TYPE OF USE BICYCLE PARKING SPACES REQUIRED IN RELATION TO SPECIFIED UNIT OF MEASURE.
USE GROUP 2 — 1 PER 2 DWELLING UNITS
USE GROUP 3 OR 4 — 1 PER 10,000 SQ FT OF FLOOR AREA

90 PROPOSED DWELLING UNITS / 2 = 45 BICYCLE PARKING SPACES REQUIRED
45 BICYCLE PARKING SPACES PROVIDED AT FIRST FLOOR (OK)
USE GROUP 3 & 4 PROPOSED FLOOR AREA: 4,485.97 SF/10,000 = 0.48 = 0 BICYCLE PARKING SPACE REQUIRED (OK)

ZR 36-711 ENCLOSED BICYCLE PARKING SPACES
C1 C2 C3 C4 C5 C6 C7 C8
TYPE OF USE BICYCLE PARKING SPACES REQUIRED IN RELATION TO SPECIFIED UNIT OF MEASURE.
USE GROUP 6A — 1 PER 1 PER 10,000 SQ FT OF FLOOR AREA
USE GROUP 6B — 1 PER 1 PER 7,500 SQ FT OF FLOOR AREA

PROPOSED U.G. 6A FLOOR AREA: 4,547.76 SF/10,000=0.45 SPACES= 1 SPACE, PROVIDED AT COMMERCIAL SPACE 2. (OK)
REFER TO SHEET A-101.00
PROPOSED U.G. 6B FLOOR AREA: 1,595.41 SF/7,500=0.21 SPACES= 1 SPACE, WAIVED FOR LESS THAN 3. (OK)

ZR 26-41 STREET TREE PLANTING
IN ACCORDANCE WITH APPLICABILITY REQUIREMENTS OF UNDERLYING DISTRICT REGULATIONS, ONE STREET TREE, PRE-EXISTING OR NEWLY PLANTED, SHALL BE PROVIDED FOR EVERY 25 FEET OF STREET FRONTAGE OF THE ZONING LOT. FRACTIONS EQUAL TO OR GREATER THAN ONE-HALF RESULTING FROM THIS CALCULATION SHALL BE CONSIDERED TO BE ONE TREE. SUCH TREES SHALL BE PLANTED AT APPROXIMATELY EQUAL INTERVALS ALONG THE ENTIRE LENGTH OF THE CURB OF THE STREET ADJACENT TO THE ZONING LOT.
LOT FRONTAGE ALONG CLERMONT AVENUE: 43'-9"
LOT FRONTAGE ALONG PARK AVENUE: 204'-1"
LOT FRONTAGE ALONG VANDERBILT AVENUE: 84'-4"
TOTAL LOT FRONTAGE: 332'-2"
TOTAL NUMBER OF TREES REQUIRED BY NYC DOB : 332'-2" / 25'-0" = 13 TREE REQUIRED
1 EXISTING TREE TO PROTECT, 7 TREES TO BE PAID INTO THE TREE FUND AS OFF-SITES AND 5 TREES TO BE PAID INTO THE TREE FUND AS ON-SITES (OK)

ZR 23-011 QUALITY HOUSING PROGRAM
R5D R6A R6B R7A R7B **R7D** R7X R8A R8B R8X R9A R9D R9X R10A R10X
IN THE DISTRICTS INDICATED ANY BUILDING OR OTHER STRUCTURE SHALL COMPLY WITH THE BULK REGULATIONS FOR QUALITY HOUSING BUILDINGS SET FORTH IN THIS CHAPTER AND ANY BUILDING
CONTAINING RESIDENCES SHALL ALSO COMPLY WITH THE REQUIREMENTS OF ARTICLE II, CHAPTER 8 (QUALITY HOUSING PROGRAM).

ZR 28-12 REFUSE STORAGE AND DISPOSAL
THE STORAGE OF REFUSE SHALL OCCUR ENTIRELY WITHIN AN ENCLOSED AREA ON THE ZONING LOT AND APPROPRIATE LOCATIONS WITHIN THE ZONING LOT SHALL BE DELINEATED FOR THIS PURPOSE: AT LEAST ONE FOR RESIDENTIAL USES, LONG-TERM CARE FACILITIES AND PHILANTHROPIC OR NON-PROFIT INSTITUTIONS WITH SLEEPING ACCOMMODATIONS, AS APPLICABLE, AND AT LEAST ONE FOR OTHER
COMMUNITY FACILITY AND COMMERCIAL USES. RESIDENTIAL STORAGE AND REMOVAL LOCATIONS SHALL BE PROVIDED AT THE RATE OF 2.9 CUBIC FEET PER DWELLING UNIT. A REFUSE DISPOSAL ROOM OF NOT LESS THAN 12 SQUARE FEET WITH NO DIMENSION LESS THAN THREE FEET SHALL BE PROVIDED ON EACH STORY THAT HAS ENTRANCES TO DWELLING UNITS. TWELVE SQUARE FEET OF FLOOR SPACE ALLOCATED TO SUCH REFUSE DISPOSAL ROOM SHALL BE EXCLUDED FROM THE DEFINITION OF FLOOR AREA PER STORY.

PROPOSED NUMBER OF DWELLING UNITS: 90 X 2.9 = 261 CF SIZE OF REQUIRED REFUSE ROOM
406.3 CF (40.63 SF X 10'-0" H) REFUSE ROOM PROVIDED ON EVERY RESIDENTIAL FLOOR (OK)

ZR 28-13 LAUNDRY FACILITIES
IF THE BUILDING PROVIDES THE FOLLOWING, THEN THAT PORTION OF THE LAUNDRY ROOM WHICH IS USED TO MEET THESE MINIMUM REQUIREMENTS SHALL BE EXCLUDED FROM THE DEFINITION OF FLOOR AREA:
(A) AT LEAST ONE WASHING MACHINE PER 20 DWELLING UNITS AND AT LEAST ONE DRYER PER 40 DWELLING UNITS;
(B) SUCH MACHINES ARE LOCATED IN A ROOM OR ROOMS WITH AN ADDITIONAL THREE SQUARE FEET OF UNOBSTRUCTED FLOOR SPACE EQUIPPED WITH CHAIRS AND TABLES FOR FOLDING LAUNDRY FOR EACH MACHINE PROVIDED;
(C) SUCH ROOMS HAVE AT LEAST ONE EXTERIOR WALL WITH WINDOWS, OR CEILINGS WITH SKYLIGHTS, MEASURING NOT LESS THAN 9.5 PERCENT OF THE TOTAL FLOOR SPACE OF THE ROOMS;
(D) WHERE WINDOWS ARE PROVIDED TO MEET SUCH REQUIREMENT, THEY FACE A STREET, YARD OR COURT THAT MEETS THE APPLICABLE REGULATIONS SET FORTH IN ARTICLE II, CHAPTER 3; AND
(E) WHERE SKYLIGHTS ARE PROVIDED TO MEET SUCH REQUIREMENT, THEY ARE LOCATED IN A YARD OR COURT THAT MEETS THE REGULATIONS SET FORTH IN ARTICLE II, CHAPTER 3, AND ARE UNOBSTRUCTED FROM THEIR LOWEST LEVEL TO THE SKY, EXCEPT BY PERMITTED OBSTRUCTIONS SET FORTH IN SECTION 23-87 (PERMITTED OBSTRUCTIONS IN COURTS)

LAUNDRY AREA LOCATED AT SECOND FLOOR
90 DWELLING UNITS / 20 WASHING MACHINE UNITS = 4.5 ≈ 5 UNITS; PROPOSED = 5 UNITS AT 2ND FLOOR (OK)
90 DWELLING UNITS / 40 DRYER UNITS = 2.25 ≈ 3 UNITS; PROPOSED = 5 UNITS AT 2ND FLOOR (OK)
SEE SECOND FLOOR PLAN ON SHEET A-102 FOR COMPLIANCE.

376.04 SF x 9.5%= 35.72 SF REQUIRED
4 x W10 (35 SF) = 140 SF PROVIDED
140 SF > 35.72 SF (OK)

WINDOW FACING: VANDERBILT AVE (OK)

ZR 28-14 DAYLIGHT IN CORRIDORS
50% OF THE SQUARE FOOTAGE OF A CORRIDOR MAY BE EXCLUDED FROM THE DEFINITION OF FLOOR AREA IF A WINDOW WITH A CLEAR, NON-TINTED, GLAZED AREA OF AT LEAST 20 SQUARE FEET IS PROVIDED IN SUCH CORRIDOR.
SEE FLOOR AREA DEDUCTION DIAGRAMS ON SHEETS Z-100 THROUGH Z-108.

ZR 28-21 REQUIRED RECREATION SPACE
THE AMOUNT OF RECREATION SPACE REQUIRED IS EXPRESSED AS A PERCENTAGE OF TOTAL RESIDENTIAL FLOOR AREA OF THE DEVELOPMENT, ENLARGEMENT, EXTENSION OR CONVERSION, AND MAY BE AGGREGATED IN ONE TYPE, INDOORS OR OUTDOORS.THE FLOOR SPACE OF INDOOR RECREATION SPACE PROVIDED IN ACCORDANCE WITH THE STANDARDS SET FORTH IN SECTION 28-22, NOT EXCEEDING AMOUNT REQUIRED IN THE TABLE, SHALL BE EXCLUDED FROM THE DEFINITION OF FLOOR AREA. **R7 :3.3%**
TOTAL RESIDENTIAL FLOOR AREA = 61,091.42 SF
MINIMUM REQUIRED RECREATION SPACE = 61,091.42 SF X 3.3% = 2,016.02 SF
RECREATION SPACE PROVIDED = 482.45 SF + 850.41 SF + 1,041.28 SF = 2,374.14 SF AT THIRD FLOOR AND 4,540.68 SF PROVIDED AT ROOF EQUALS A TOTAL OF 6,914.82 SF (OK)
2,013.47 SF DEDUCTED AT 3RD FLOOR, REFER TO SHEET Z-103.00 (OK)

ZR 28-22 STANDARDS FOR RECREATION SPACE
(A) ALL RECREATION SPACE SHALL BE ACCESSIBLE TO THE RESIDENTS OF THE BUILDING.
(B) THE MINIMUM DIMENSION OF ANY RECREATION SPACE SHALL BE 15 FEET THE MINIMUM SIZE OF ANY OUTDOOR RECREATION SPACE SHALL BE 225 SQUARE FEET.
(C) OUTDOOR RECREATION SPACE SHALL BE OPEN TO THE SKY EXCEPT THAT BUILDING PROJECTIONS, NOT TO EXCEED SEVEN FEET IN DEPTH, MAY COVER UP TO 10 PERCENT OF THE OUTDOOR RECREATION SPACE, PROVIDED THAT THE LOWEST LEVEL OF THE PROJECTION IS AT LEAST 10 FEET ABOVE THE LEVEL OF THE OUTDOOR RECREATION SPACE.
(D) ANY INDOOR RECREATION ROOM LOCATED IN A STORY SHALL HAVE AT LEAST ONE EXTERIOR WALL WITH WINDOWS, OR CEILING WITH SKYLIGHTS, THAT MEASURES NOT LESS THAN 9.5 PERCENT OF THE TOTAL FLOOR SPACE OF THE ROOM. WHERE WINDOWS ARE PROVIDED TO MEET SUCH REQUIREMENT, THEY SHALL FACE A STREET, YARD OR COURT THAT MEETS THE APPLICABLE REGULATIONS SET FORTH IN ARTICLE II, CHAPTER 3. WHERE SKYLIGHTS ARE PROVIDED TO MEET SUCH REQUIREMENT, THEY SHALL BE LOCATED IN A YARD OR COURT THAT MEETS THE APPLICABLE REGULATIONS SET FORTH IN ARTICLE II, CHAPTER 3 AND SHALL BE UNOBSTRUCTED FROM THEIR LOWEST LEVEL TO THE SKY, EXCEPT FOR PERMITTED OBSTRUCTIONS SET FORTH IN SECTION 23-87 (PERMITTED OBSTRUCTIONS IN COURTS).

SEE RECREATION SPACES ON ARCH. PLANS ON SHEETS A-103 AND A-109 FOR COMPLIANCE WITH RECREATION SPACE STANDARDS. (OK)

ZR 28-31 DENSITY PER CORRIDOR
IF THE NUMBER OF DWELLING UNITS SERVED BY A VERTICAL CIRCULATION CORE AND CORRIDOR ON EACH STORY DOES NOT EXCEED THE NUMBER SET FORTH IN THE FOLLOWING TABLE, 50 PERCENT OF THE SQUARE FEET OF THE CORRIDOR SERVING SUCH DWELLING UNITS ON SUCH STORY MAY BE EXCLUDED FROM THE DEFINITION OF FLOOR AREA.

OF DWELLING UNITS SERVED BY A CORRIDOR PER STORY WITH VERTICAL CIRCULATION CORE IN R7: 11

PROPOSED VERTICAL CIRCULATION CORES PER STORY: 2
PROPOSED D.U. SERVED BY A CORRIDOR PER STORY WITH 2 VERTICAL CIRCULATION CORES: 15 (OK)
SEE FLOOR AREA DEDUCTION DIAGRAMS ON SHEETS Z-100.00 THROUGH Z-108.00.

ZR 28-40 PARKING FOR QUALITY HOUSING
EXCEPT AS MODIFIED BY THE PROVISIONS OF THIS SECTION, ACCESSORY OFF-STREET PARKING SHALL BE PROVIDED AS SET FORTH IN THE APPLICABLE UNDERLYING DISTRICT REGULATIONS.

ZR 28-41 SCREENING
ALL OPEN ACCESSORY OFF-STREET GROUP PARKING FACILITIES SHALL BE SCREENED FROM DWELLING UNITS, ADJACENT ZONING LOTS AND STREETS IN ACCORDANCE WITH PARAGRAPH (A) OF SECTION 25-66.

ZR 28-42 SPECIAL REGULATIONS FOR OFF-SITE ACCESSORY PARKING
OFF-SITE ACCESSORY PARKING SPACES MAY BE UNENCLOSED, PROVIDED THAT THE ZONING LOT ON WHICH SUCH SPACES ARE LOCATED DOES NOT CONTAIN A RESIDENTIAL USE.

ZR 28-43 LOCATION OF ACCESSORY PARKING
ON-SITE ACCESSORY OFF-STREET PARKING SHALL NOT BE PERMITTED BETWEEN THE STREET LINE AND THE STREET WALL OF A BUILDING OR ITS PROLONGATION.

HOWEVER, ON THROUGH LOTS MEASURING LESS THAN 180 FEET IN DEPTH FROM STREET TO STREET, ACCESSORY OFF-STREET PARKING MAY BE LOCATED BETWEEN THE STREET LINE AND ANY STREET WALL LOCATED BEYOND 50 FEET OF SUCH STREET LINE.

PROPOSED ACCESSORY OFF-STREET PARKING LOCATED WITHIN PROPOSED BUILDING (OK)

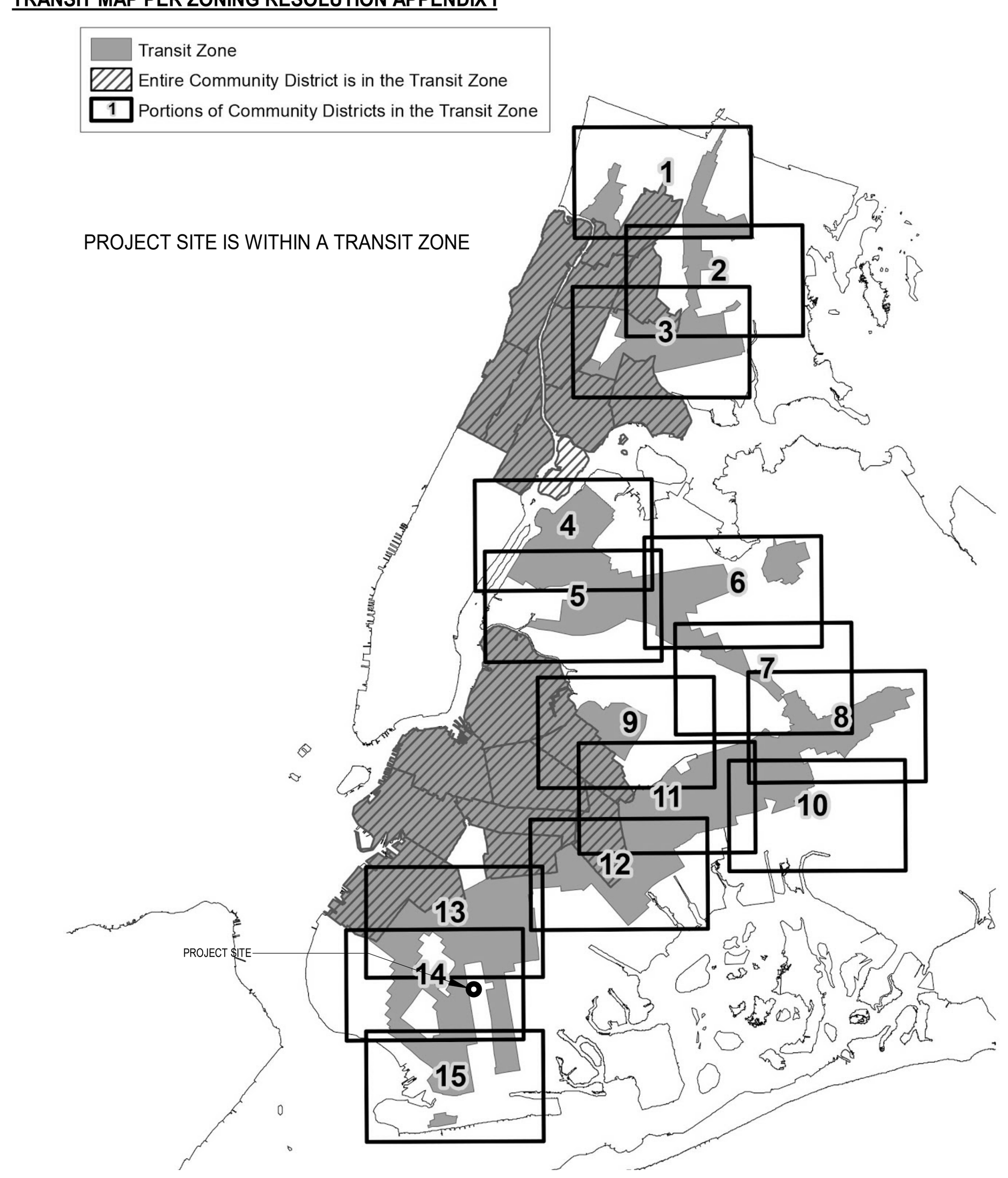
DORMER CALCULATION ALONG PARK AVENUE
ZR 23-621 (C)
(1) DORMERS SHALL BE ALLOWED AS A PERMITTED OBSTRUCTION PROVIDED THAT ON ANY STREET FRONTAGE, THE AGGREGATE WIDTH OF ALL DORMERS AT THE MAXIMUM BASE HEIGHT DOES NOT EXCEED 60 PERCENT OF THE WIDTH OF THE STREET WALL OF THE HIGHEST STORY ENTIRELY BELLOW THE MAXIMUM BASE HEIGHT. FOR EACH FOOT ABOVE THE MAXIMUM BASE HEIGHT, THE AGGREGATE WIDTH OF ALL DORMERS SHALL BE DECREASED BY ONE PERCENT OF THE STREET WALL WIDTH OF THE HIGHEST STORY ENTIRELY BELOW THE MAXIMUM BASE HEIGHT.

8TH FLOOR
DORMER HEIGHT EXCEEDING MAX. BASE HEIGHT: 1" (59.91%)
BUILDING WIDTH: 204'-1"
MAX ALLOWABLE DORMER WIDTH: 120'-5"
PROPOSED DORMER WIDTH: 59'-10" + 57'-3 1/2" = 117'-1 1/2" (OK)

9TH FLOOR
DORMER HEIGHT EXCEEDING MAX. BASE HEIGHT: 11'-9" (48.25%)
BUILDING WIDTH: 204'-1"
MAX ALLOWABLE DORMER WIDTH: 98'-5 5/8"
PROPOSED DORMER WIDTH: 49'-10" + 47'-3 1/2" = 97'-1 1/2" (OK)

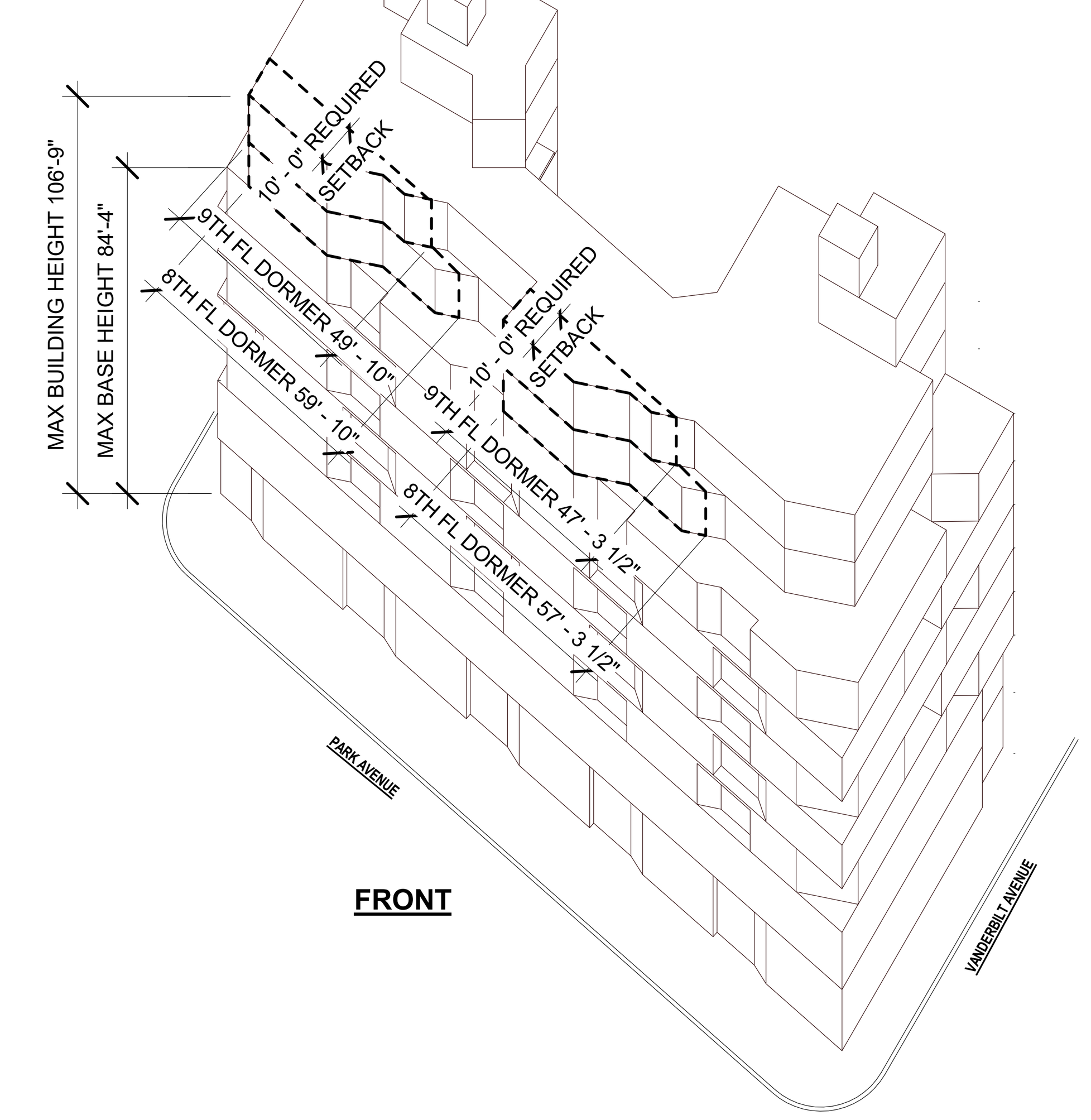
ZR 23-96 INCLUSIONARY REQUIREMENTS
(B)DISTRIBUTION OF AFFORDABLE HOUSING UNITS
IN NEW CONSTRUCTION AFFORDABLE HOUSING OR SUBSTANTIAL REHABILITATION AFFORDABLE HOUSING, WHERE ONE OR MORE OF THE DWELLING UNITS OR ROOMING UNITS IN A GENERATING SITE, OTHER THAN ANY SUPER'S UNIT, ARE NOT AFFORDABLE HOUSING UNITS :
(1)THE AFFORDABLE HOUSING UNITS SHALL BE DISTRIBUTED ON NOT LESS THAN 65 PERCENT OF THE RESIDENTIAL STORIES OF SUCH GENERATING SITE OR, IF THERE ARE INSUFFICIENT AFFORDABLE HOUSING UNITS TO COMPLY WITH THIS REQUIREMENT, THE DISTRIBUTION OF AFFORDABLE HOUSING UNITS SHALL BE AS SPECIFIED IN THE GUIDELINES ; AND
(2) NOT MORE THAN ONE-THIRD OF THE DWELLING UNITS AND ROOMING UNITS ON ANY STORY OF SUCH GENERATING SITE SHALL BE AFFORDABLE HOUSING UNITS, UNLESS NOT LESS THAN ONE-THIRD OF THE DWELLING UNITS AND ROOMING UNITS ON EACH RESIDENTIAL STORY OF SUCH GENERATING SITE ARE AFFORDABLE HOUSING UNITS. HOWEVER, ON A RESIDENTIAL STORY WITH FEWER THAN THREE DWELLING UNITS OR ROOMING UNITS, ONLY ONE DWELLING UNIT OR ROOMING UNIT MAY BE AN AFFORDABLE HOUSING UNIT, UNLESS NOT LESS THAN ONE DWELLING UNIT OR ROOMING UNIT ON EACH FLOOR IS AN AFFORDABLE HOUSING UNIT
(C) BEDROOM MIX OF AFFORDABLE HOUSING UNITS
(1) IN NEW CONSTRUCTION AFFORDABLE HOUSING AND SUBSTANTIAL REHABILITATION AFFORDABLE HOUSING, WHERE ONE OR MORE OF THE DWELLING UNITS IN A GENERATING SITE OR MIH SITE, OTHER THAN ANY SUPER'S UNIT, ARE NOT AFFORDABLE HOUSING UNITS, EITHER:
(I) THE DWELLING UNITS IN THE GENERATING SITE OR MIH SITE THAT ARE AFFORDABLE HOUSING UNITS SHALL CONTAIN A BEDROOM MIX AT LEAST PROPORTIONAL TO THE BEDROOM MIX OF THE DWELLING UNITS IN THE GENERATING SITE, OTHER THAN ANY SUPER'S UNIT, THAT ARE NOT AFFORDABLE HOUSING UNITS ; OR
(2) WHERE ALL OF THE DWELLING UNITS IN A GENERATING SITE OR MIH SITE, OTHER THAN ANY SUPER'S UNIT, IN NEW CONSTRUCTION AFFORDABLE HOUSING AND SUBSTANTIAL REHABILITATION AFFORDABLE HOUSING ARE AFFORDABLE HOUSING UNITS, NOT LESS THAN 50 PERCENT OF SUCH AFFORDABLE HOUSING UNITS SHALL CONTAIN TWO OR MORE BEDROOMS AND NOT LESS THAN 75 PERCENT OF SUCH AFFORDABLE HOUSING UNITS SHALL CONTAIN ONE OR MORE BEDROOMS. HOWEVER, SUCH BEDROOM MIX REQUIREMENTS SHALL NOT APPLY TO AFFORDABLE INDEPENDENT RESIDENCES FOR SENIORS IN AN MIH SITE. HPD MAY ALSO WAIVE THESE REQUIREMENTS FOR ANY AFFORDABLE HOUSING THAT IS PARTICIPATING IN A FEDERAL, STATE OR LOCAL PROGRAM WHERE SUCH GENERATING SITE OR MIH SITE CANNOT COMPLY WITH BOTH THE REGULATIONS OF SUCH FEDERAL, STATE OR LOCAL PROGRAM AND THOSE OF THIS SECTION. IN ADDITION, HPD MAY WAIVE THESE REQUIREMENTS FOR SUBSTANTIAL REHABILITATION AFFORDABLE HOUSING OR AFFORDABLE FLOOR AREA CREATED IN AN MIH SITE THROUGH ENLARGEMENT, AS SPECIFIED IN THE GUIDELINES.

TRANSIT MAP PER ZONING RESOLUTION APPENDIX I



PROJECT SITE IS WITHIN A TRANSIT ZONE

BUILDING AXONOMETRIC WITH DORMERS



FRONT

L1 ZONING ANALYSIS
N.T.S.

58 VANDERBILT AVENUE
BROOKLYN, NY 11205

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General Contractor
PREFERRED BUILDERS
670 Myrtle Avenue
Brooklyn, NY 11205

REVISION TABLE

NUMBER	DATE	DESCRIPTION

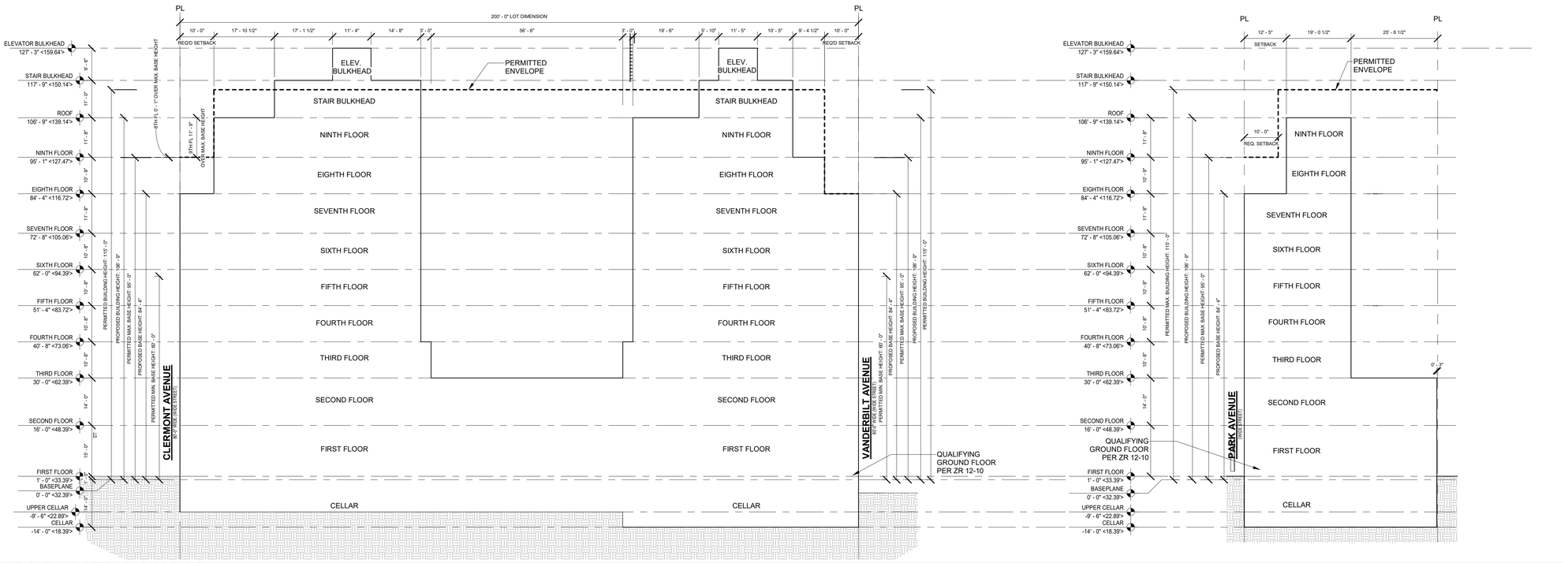
100% CD

ZONING ANALYSIS

DOB JOB #	321595797
BIN #	3428621
DATE	01/26/2021
DRAWN BY	NP
SCALE	AS NOTED

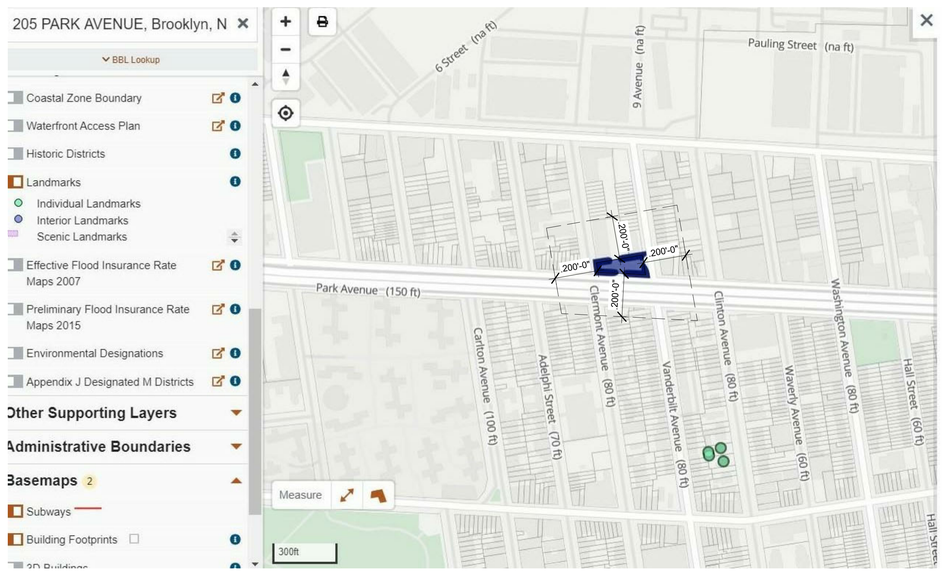
Z-002.00
SHEET 4 OF 108
DOB BSCAN STICKER

PLUMBING
ELECTRICAL
MECHANICAL
STRUCTURAL
ARCHITECTURAL



F1 | HEIGHT AND SETBACK DIAGRAMS

1/16" = 1'-0"



TAX LOT | BBL 3020330050

205 PARK AVENUE, 11205

Brooklyn (Borough 3) | Block 2033 | Lot 50

Zoning District: R7D | C2-4

INTERSECTING MAP LAYERS:
- Transit Zone
- FRESH Zone
- Coastal Zone
- Mandatory Inclusionary Housing Area
- Environmental Designation

ZONING DETAILS:
- Digital Tax Map
- Zoning Map: 12d (PDF)
- Historical Zoning Maps (PDF)

Owner	462 LEXINGTON LLC.
Land Use	Vacant Land
Lot Area	12,808 sq ft
Lot Frontage	204.75 ft
Lot Depth	84.33 ft
Year Built	0
Building Class	Vacant Land - Zoned Commercial or Manhattan Residential (V1)
Building Info	BISWEB
Property Records	View ACRIS
Housing Info	View HPD's Building, Registration & Violation Records

L1 | SUBWAY AND LANDMARK MAP

SPECIAL AND PROGRESS INSPECTION ITEMS

ALL MATERIALS DESIGNATED FOR "INSPECTION" SHALL BE INSPECTED AND/OR TESTED TO VERIFY COMPLIANCE WITH CODE REQUIREMENTS, UNLESS OTHERWISE SPECIFICALLY PROVIDED BY CODE PROVISIONS. ALL REQUIRED INSPECTIONS AND TESTS OF MATERIAL SHALL BE MADE AND/OR WITNESSED BY OR UNDER THE DIRECT SUPERVISION OF AN ARCHITECT OR ENGINEER RETAINED BY OR ON BEHALF OF THE OWNER OR LESSEE.

- STRUCTURAL STEEL - WELDING	BC 1704.3.1
- STRUCTURAL STEEL - DETAILS	BC 1704.3.2
- STRUCTURAL STEEL - HIGH STRENGTH BOLTING	BC 1704.3.3
- CONCRETE - CAST IN PLACE	BC 1704.4
- SUBGRADE INSPECTION	BC 1704.7.1
- SUBSURFACE CONDITIONS - FILL PLACEMENT & IN-PLACE DENSITY	BC 1704.7.2, BC 1704.7.3
- SUBSURFACE INVESTIGATIONS (BORINGS/TEST PITS)	BC 1704.7.4
- EXTERIOR INSULATION AND FINISH SYSTEMS (EIFS)	BC 1704.13
- EXCAVATIONS - SHEETING, SHORING, AND BRACING	BC 1704.20.2
- ON-SITE STORM WATER DRAIN. DISP./DETENT INSTALL (DRYWELL)	BC 1704.21.2
- FIRE-RESISTANT PENETRATIONS AND JOINTS	BC 1704.27
- POST INSTALLED ANCHORS	BC 1704.32
- CONCRETE DESIGN MIX	BC 1905.3, BC 1913.5
- CONCRETE SAMPLING AND TESTING	BC 1905.6, BC 1913.10

PROGRESS INSPECTION CATEGORIES

- FOOTING AND FOUNDATION	BC 110.3.1
- ENERGY CODE COMPLIANCE INSPECTIONS	BC 110.3.5
- FIRE-RESISTANCE RATED CONSTRUCTION	BC 110.3.4

ENERGY CODE PROGRESS INSPECTIONS:

- PROTECTION OF EXPOSED FOUNDATION INSULATION	(IA1), (IIA1)
- INSULATION PLACEMENT AND R VALUES	(IA2), (IIA2)
- FENESTRATION U-FACTOR AND PRODUCT RATING	(IA3), (IIA3)
- FENESTRATION AIR LEAKAGE	(IA4), (IIA4)
- FENESTRATION AREAS	(IA5), (IIA5)
- AIR SEALING AND INSULATION - VISUAL	(IA6), (IIA6)
- AIR SEALING AND INSULATION - TESTING	(IIA7)
- VESTIBULES	(IIA9)
- SHUTOFF DAMPERS	(IB2), (IIB2)
- HVAC AND SERVICE WATER HEATING EQUIPMENT	(IB3), (IIB3)
- HVAC AND SERVICE WATER HEATING SYSTEM CONTROLS	(IB4), (IIB4)
- HVAC INSULATION AND SEALING	(IB5), (IIB5)
- ELECTRICAL ENERGY CONSUMPTION	(IC1), (IIC1)
- LIGHTING IN DWELLING UNITS	(IIC2)
- INTERIOR LIGHTING POWER	(IC2), (IIC3)
- EXTERIOR LIGHTING POWER	(IIC4)
- LIGHTING CONTROLS	(IIC5)
- ELECTRIC MOTORS	(IIC6)
- MAINTENANCE INFORMATION	(ID1), (IID1)

DOCUMENTS TO BE FILED SUBSEQUENTLY UNDER THIS APPLICATION

- FOUNDATION - JOB #321595797 SUBSEQUENT DOC 02
- SOE - JOB# 321595797 SUBSEQUENT DOC 03

SEPARATE APPLICATIONS TO BE FILED

- STRUCTURAL- JOB# B00273651
- MECHANICAL - JOB# B00273647
- SPRINKLER/ STANDPIPE- JOB# B00339700
- PLUMBING - JOB# B00273558
- ELEVATOR -
- BPP - JOB# 340708014
- SHED -
- CONSTRUCTION FENCE - JOB# B00291225
- CURB CUT- JOB# B00274952
- STREET TREE- JOB# 30509
- DEP SITE CONNECTION- JOB# SCP-1413

L12 | SPECIAL & PROGRESS INSPECTION ITEMS

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General Contractor

PREFERRED BUILDERS
670 Myrtle Avenue
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ZONING HEIGHT & SETBACK DIAGRAMS

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MECHANICAL
STRUCTURAL
ARCHITECTURAL

DOB JOB #	321595797
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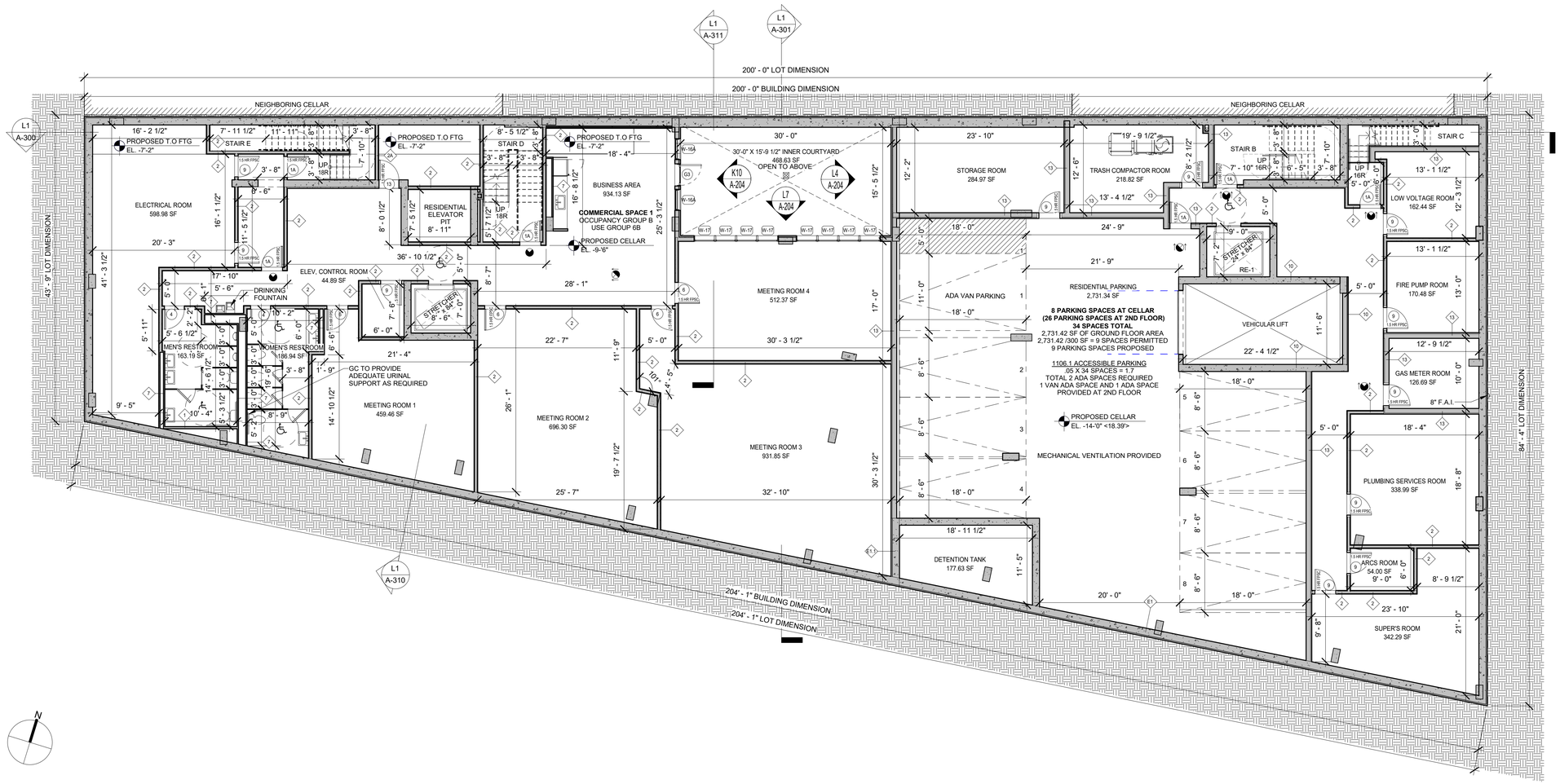
DRAWN BY	NP
SCALE	AS NOTED

Z-003.00

SHEET 5 OF 108

DOB BSCAN STICKER



I1 PROPOSED CELLAR FLOOR PLAN

1/8" =1'-0" | CELLAR EL. -14'-0" <18.39'>

L1 NOTES

1/8" =1'-0"

VENTILATION NOTES:
1. THE INSTALLATION OF THE VENTILATION AND AIR CONDITION SYSTEM SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF REFERENCE STANDARDS RS-12, 13 & 14 OF THE CODE
2. FIRE DAMPERS, SMOKE DAMPERS AND COMBINATIONS FIRE AND SMOKE DAMPERS, WHERE REQUIRED, SHALL BE OF THE TYPE APVD. BY THE BOARD OF STANDARDS AND APPEALS.
3. PROVIDE 2 HR FIRE RATED ENCLOSURE FOR ALL DUCT / RISER
4. ALL TOILET EXHAUST REGISTERS SHALL EXHAUST MINIMUM 50 CFM OF AIR
5. KITCHEN EXHAUST REGISTER SHALL EXHAUST MIN 75 CFM OF AIR
6. ALL MECHANICAL EQUIPMENT SHALL BE INSTALLED IN FULL COMPLIANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTION

PER LL 17/95 & BC 1614:
1" BUILDING SEPARATION FOR SEISMIC REQUIREMENT PER TPPN # 2/96 : 1" PER 50' HT
PROPOSED BUILDING HEIGHT : 106'-9"
PROPOSED SEPARATION : 3" AT NORTH PROPERTY LINE

DOOR NOTE
ICC-ANSI A117.1
ALL DOORS SHALL BE PROVIDED WITH DISABLED PERSON COMPLIANT DOOR HARDWARE AND SADDLES

WINDOW NOTE (RESIDENTIAL FLOORS)
ALL WINDOWS TO HAVE OPERABLE PARTS TO BE IN COMPLIANCE WITH BC 1107.2.4 & SECTION 309 OF ICC A117.1

BULKHEAD PARAPET WALL PER BC 705.11 :
* 12" MIN. ABOVE FINISHED ROOF
* COPING AND FLASHING NECESSARY
* CONTRACTOR TO SUPPLY MANUFACTURER'S SHOP DRAWINGS SHOWING ALL ROOF WATERPROOFING DETAILS

SEE STRUCTURAL DRAWINGS FOR STRUCTURAL DESIGN (TO BE SUBMITTED SEPARATELY)
FOR UNDERPINNING AND SHORING REQUIREMENTS SEE STRUCTURAL DRAWINGS (TO BE SUBMITTED SEPARATELY)

SEE SHEET A-913.00 FOR LIGHT AND VENTILATION CALCULATIONS.

PER BC 908.7, 907.2.9, 907.2.10.1.1
HARDWIRED CARBON MONOXIDE AND SMOKE DETECTORS SHALL COMPLY WITH LL 7/04 27-981.21 RCNY 28-02, BC28-903.2.7

NO BOILER PROPOSED FOR BUILDING. HEAT TO BE PROVIDED BY ELECTRIC SPLIT UNITS.
NO CHIMNEY PROPOSED.

ALL SHOWN ELEVATION MARKS DENOTE TOP OF SLAB

SEE MECHANICAL DRAWINGS FOR MECHANICAL DESIGN (TO BE SUBMITTED SEPARATELY)

ENTIRE BLDG TO BE FIRE PROTECTED WITH SPRINKLERS PER ALL REGULATIONS SEE FIRE PROTECTION DWGS FILED SEPARATELY

1107.2.2 TYPE B+NYCUNIT TOILET AND BATHING ROOMS.WHERE TOILET AND BATHING ROOMS ARE PROVIDED IN THE TYPE B+NYC DWELLING UNIT OR SLEEPING UNIT, ALL SUCH TOILET AND BATHING ROOMS SHALL COMPLY WITH APPENDIX P.EXCEPTION FOR TYPE A TOILET AND BATHING ROOM:
1) WHERE AT LEAST ONE TOILET AND BATHING ROOM IN THE TYPE B+NYC DWELLING UNIT OR SLEEPING UNIT IS CONSTRUCTED IN ACCORDANCE WITH THE TYPE A TOILET AND BATHING FACILITIES REQUIREMENTS OF SECTION 1003.11 (TOILET AND BATHING FACILITIES), INCLUDING SECTION 1003.3.2 (TURNING SPACE), OF ICC A117.1 AND IS IN COMPLIANCE WITH THE FOLLOWING:
1.1. AT LEAST ONE LAVATORY, ONE WATER CLOSET AND EITHER A BATHTUB OR SHOWER WITHIN SUCH TOILET OR BATHING FACILITY SHALL COMPLY WITH SECTION 1003.11 OF ICC A117.1. SUCH TOILET AND BATHING FIXTURES SHALL BE IN A SINGLE TOILET OR BATHING AREA, SUCH THAT TRAVEL BETWEEN FIXTURES DOES NOT REQUIRE TRAVEL BEYOND THE AREA IN WHICH THE FIXTURES OF SUCH TOILET OR BATHING ROOM ARE LOCATED.
1.2. TOILET PAPER DISPENSERS WITHIN SUCH ROOMS SHALL COMPLY WITH SECTION 604.7 (DISPENSERS) OF ICC A117.1.
1.3.MEDICINE CABINETS, IF PROVIDED, MUST INCLUDE A STORAGE SHELF NO HIGHER THAN 44 INCHES (1118 MM) ABOVE THE FLOOR.
2)WHERE AT LEAST ONE TOILET AND BATHING ROOM COMPLYING WITH SECTIONS 1003.11 AND 1002.3.2 OF ICC A117.1 IS PROVIDED WITHIN THE TYPE B+NYC DWELLING UNIT OR SLEEPING UNIT IN ACCORDANCE WITH ITEM 1 OF THIS EXCEPTION, OTHER TOILET AND BATHING ROOMS IN THE SAME UNIT SHALL BE REQUIRED TO COMPLY ONLY WITH SECTIONS 1004.3 (ACCESSIBLE ROUTE), 1004.4 (WALKING SURFACES), 1004.5.2 (USER PASSAGE DOORWAYS), 1004.9 (OPERABLE PARTS) AND 1004.11.1 (GRAB BAR AND SHOWER SEAT REINFORCEMENT) OF ICC A117.1. DOORS AND DOORWAYS TO SUCH TOILET AND BATHING ROOMS SHALL BE SUBJECT TO SECTION 1107.2.1,EXCEPTION 5.

L10 DRAWING LEGEND

1/8" =1'-0"

DRAWING LEGEND	
1A	DOOR TAG
W-1	WINDOW TAG
1	WALL TAG
FD	FLOOR DRAIN
RD	ROOF DRAIN
	CEILING MOUNTED EXIT SIGN
	WALL MOUNTED EXIT SIGN
SD/CM	SMOKE DETECTOR
CFM	MECHANICAL VENTILATION - 50 MIN BATHROOM
CFM	MECHANICAL VENTILATION - 75 MIN KITCHEN
1	EQUIPMENT TAG
1	REVISION NUMBER

DRAWING LEGEND	
1 / A-200	ELEVATION NUMBER SHEET NUMBER
1 / A-200	SECTION NUMBER SHEET NUMBER

DRAWING LEGEND	
1	INTERIOR STUD WALL (1HR FIRE RATED)
2	INTERIOR STUD WALL (2HR FIRE RATED)
7	TYP. CHASE WALL (1HR FIRE RATED)
8	TYP. CHASE WALL (2HR FIRE RATED)
10	METAL STUD FURRING WALL (1HR FIRE RATED)
13	C.M.U. WALL WITH FURRING (3HR FIRE RATED)
16	SHAFTWALL (2HR FIRE RATED)

58 VANDERBILT AVENUE

BROOKLYN, NY 11205

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NUMBER	DATE	DESCRIPTION

100% CD

PLUMBING
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MECHANICAL
STRUCTURAL
ARCHITECTURAL

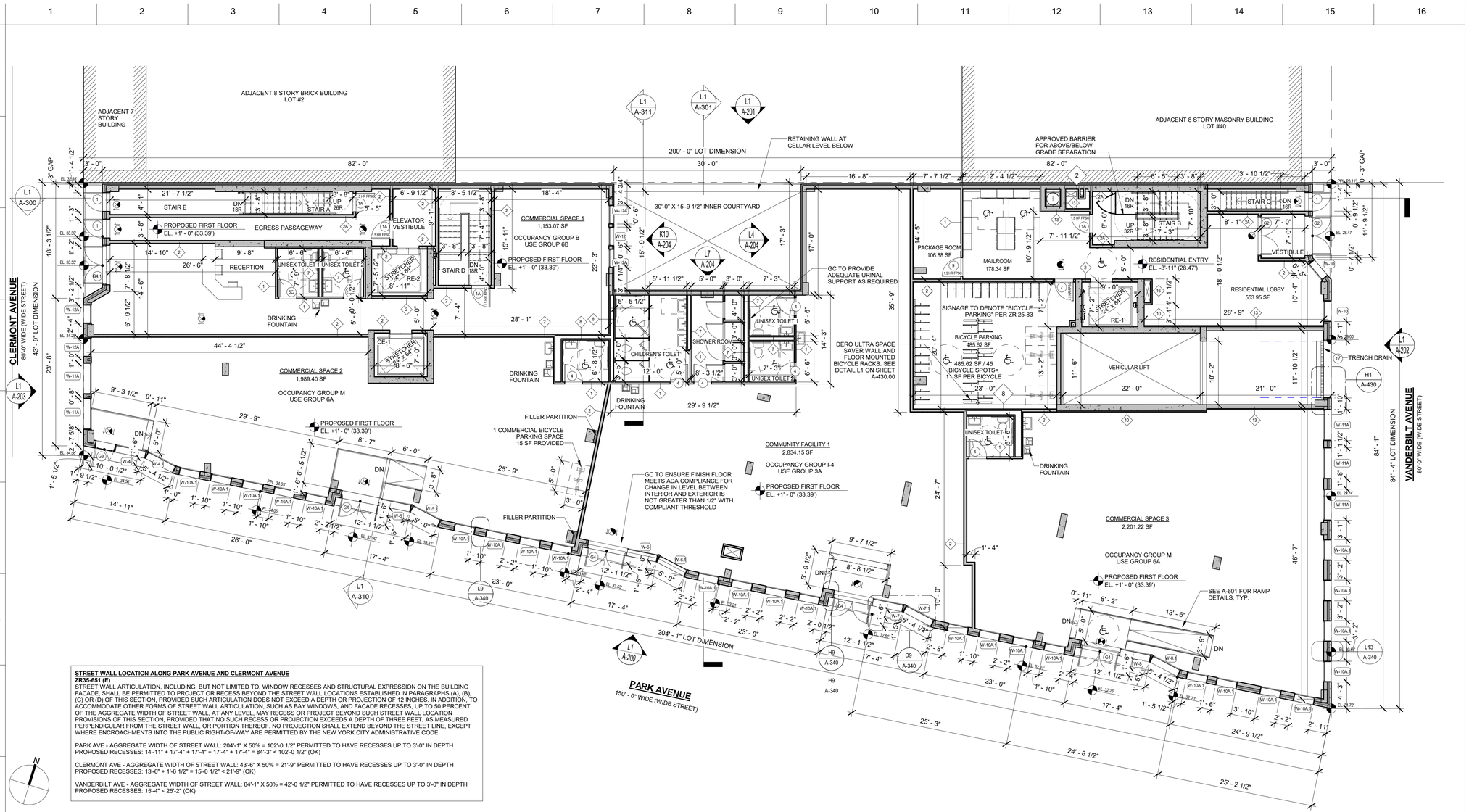
PROPOSED CELLAR PLAN

DOB JOB #	321595797
BIN #	3428621
DATE	01/26/2021
DRAWN BY	NP
SCALE	AS NOTED

A-100.00

SHEET 42 OF 108

DOB BSCAN STICKER



STREET WALL LOCATION ALONG PARK AVENUE AND CLERMONT AVENUE
ZR35-651 (E)
STREET WALL ARTICULATION, INCLUDING, BUT NOT LIMITED TO, WINDOW RECESSES AND STRUCTURAL EXPRESSION ON THE BUILDING FACADE, SHALL BE PERMITTED TO PROJECT OR RECESS BEYOND THE STREET WALL LOCATIONS ESTABLISHED IN PARAGRAPHS (A), (B), (C) OR (D) OF THIS SECTION, PROVIDED SUCH ARTICULATION DOES NOT EXCEED A DEPTH OR PROJECTION OF 12 INCHES. IN ADDITION, TO ACCOMMODATE OTHER FORMS OF STREET WALL ARTICULATION, SUCH AS BAY WINDOWS, AND FACADE RECESSES, UP TO 50 PERCENT OF THE AGGREGATE WIDTH OF STREET WALL AT ANY LEVEL, MAY RECESS OR PROJECT BEYOND SUCH STREET WALL LOCATION PROVISIONS OF THIS SECTION, PROVIDED THAT NO SUCH RECESS OR PROJECTION EXCEEDS A DEPTH OF THREE FEET, AS MEASURED PERPENDICULAR FROM THE STREET WALL, OR PORTION THEREOF. NO PROJECTION SHALL EXTEND BEYOND THE STREET LINE, EXCEPT WHERE ENCROACHMENTS INTO THE PUBLIC RIGHT-OF-WAY ARE PERMITTED BY THE NEW YORK CITY ADMINISTRATIVE CODE.

PARK AVE - AGGREGATE WIDTH OF STREET WALL: 204'-1" X 50% = 102'-0 1/2" PERMITTED TO HAVE RECESSES UP TO 3'-0" IN DEPTH
PROPOSED RECESSES: 14'-11" + 17'-4" + 17'-4" + 17'-4" + 17'-4" = 84'-3" < 102'-0 1/2" (OK)

CLERMONT AVE - AGGREGATE WIDTH OF STREET WALL: 43'-6" X 50% = 21'-9" PERMITTED TO HAVE RECESSES UP TO 3'-0" IN DEPTH
PROPOSED RECESSES: 13'-6" + 1'-6 1/2" = 15'-0 1/2" < 21'-9" (OK)

VANDERBILT AVE - AGGREGATE WIDTH OF STREET WALL: 84'-1" X 50% = 42'-0 1/2" PERMITTED TO HAVE RECESSES UP TO 3'-0" IN DEPTH
PROPOSED RECESSES: 15'-4" < 25'-2" (OK)

I1 PROPOSED FIRST FLOOR PLAN

1/8" =1'-0" | FIRST FLOOR EL. +1'-0" <33.39'>

VENTILATION NOTES:
1. THE INSTALLATION OF THE VENTILATION AND AIR CONDITION SYSTEM SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF REFERENCE STANDARDS RS-12, 13 & 14 OF THE CODE
2. FIRE DAMPERS, SMOKE DAMPERS AND COMBINATIONS FIRE AND SMOKE DAMPERS, WHERE REQUIRED, SHALL BE OF THE TYPE APVD. BY THE BOARD OF STANDARDS AND APPEALS.
3. PROVIDE 2 HR FIRE RATED ENCLOSURE FOR ALL DUCT / RISER
4. ALL TOILET EXHAUST REGISTERS SHALL EXHAUST MINIMUM 50 CFM OF AIR
5. KITCHEN EXHAUST REGISTER SHALL EXHAUST MIN 75 CFM OF AIR
6. ALL MECHANICAL EQUIPMENT SHALL BE INSTALLED IN FULL COMPLIANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTION

PER LL 17/95 & BC 1614:
1" BUILDING SEPARATION FOR SEISMIC REQUIREMENT PER TPPN # 2/96 : 1" PER 50' HT
PROPOSED BUILDING HEIGHT : 106'-9"
PROPOSED SEPARATION : 3" AT NORTH PROPERTY LINE

DOOR NOTE
ICC-ANSI A117.1
ALL DOORS SHALL BE PROVIDED WITH DISABLED PERSON COMPLIANT DOOR HARDWARE AND SADDLES

WINDOW NOTE (RESIDENTIAL FLOORS)
ALL WINDOWS TO HAVE OPERABLE PARTS TO BE IN COMPLIANCE WITH BC 1107.2.4 & SECTION 309 OF ICC A117.1

BULKHEAD PARAPET WALL PER BC 705.11 :
* 12" MIN. ABOVE FINISHED ROOF
* COPING AND FLASHING NECESSARY
* CONTRACTOR TO SUPPLY MANUFACTURER'S SHOP DRAWINGS SHOWING ALL ROOF WATERPROOFING DETAILS

SEE STRUCTURAL DRAWINGS FOR STRUCTURAL DESIGN (TO BE SUBMITTED SEPARATELY)
FOR UNDERPINNING AND SHORING REQUIREMENTS SEE STRUCTURAL DRAWINGS (TO BE SUBMITTED SEPARATELY)

SEE SHEET A-913.00 FOR LIGHT AND VENTILATION CALCULATIONS.

PER BC 908.7, 907.2.9, 907.2.10.1.1
HARDWIRED CARBON MONOXIDE AND SMOKE DETECTORS SHALL COMPLY WITH LL 7/04 27-981.21 RCNY 28-02, BC28-903.2.7

NO BOILER PROPOSED FOR BUILDING. HEAT TO BE PROVIDED BY ELECTRIC SPLIT UNITS.
NO CHIMNEY PROPOSED.

ALL SHOWN ELEVATION MARKS DENOTE TOP OF SLAB

SEE MECHANICAL DRAWINGS FOR MECHANICAL DESIGN (TO BE SUBMITTED SEPARATELY)

ENTIRE BLDG TO BE FIRE PROTECTED WITH SPRINKLERS PER ALL REGULATIONS SEE FIRE PROTECTION DWGS FILED SEPARATELY

1107.2.2 TYPE B+NYCUNIT TOILET AND BATHING ROOMS.WHERE TOILET AND BATHING ROOMS ARE PROVIDED IN THE TYPE B+NYC DWELLING UNIT OR SLEEPING UNIT, ALL SUCH TOILET AND BATHING ROOMS SHALL COMPLY WITH APPENDIX P.EXCEPTION FOR TYPE A TOILET AND BATHING ROOM:
1) WHERE AT LEAST ONE TOILET AND BATHING ROOM IN THE TYPE B+NYC DWELLING UNIT OR SLEEPING UNIT IS CONSTRUCTED IN ACCORDANCE WITH THE TYPE A TOILET AND BATHING FACILITIES REQUIREMENTS OF SECTION 1003.11 (TOILET AND BATHING FACILITIES), INCLUDING SECTION 1003.3.2 (TURNING SPACE), OF ICC A117.1 AND IS IN COMPLIANCE WITH THE FOLLOWING:
1.1. AT LEAST ONE LAVATORY, ONE WATER CLOSET AND EITHER A BATHTUB OR SHOWER WITHIN SUCH TOILET OR BATHING FACILITY SHALL COMPLY WITH SECTION 1003.11 OF ICC A117.1. SUCH TOILET AND BATHING FIXTURES SHALL BE IN A SINGLE TOILET OR BATHING AREA, SUCH THAT TRAVEL BETWEEN FIXTURES DOES NOT REQUIRE TRAVEL BEYOND THE AREA IN WHICH THE FIXTURES OF SUCH TOILET OR BATHING ROOM ARE LOCATED.
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L1 NOTES

1/8" =1'-0"

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W-1	WINDOW TAG
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FD	FLOOR DRAIN
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CFM	MECHANICAL VENTILATION - 50 MIN BATHROOM
CFM	MECHANICAL VENTILATION - 75 MIN KITCHEN
1	EQUIPMENT TAG
1	REVISION NUMBER

DRAWING LEGEND	
1 / A-200	ELEVATION NUMBER SHEET NUMBER
1 / A-200	SECTION NUMBER SHEET NUMBER

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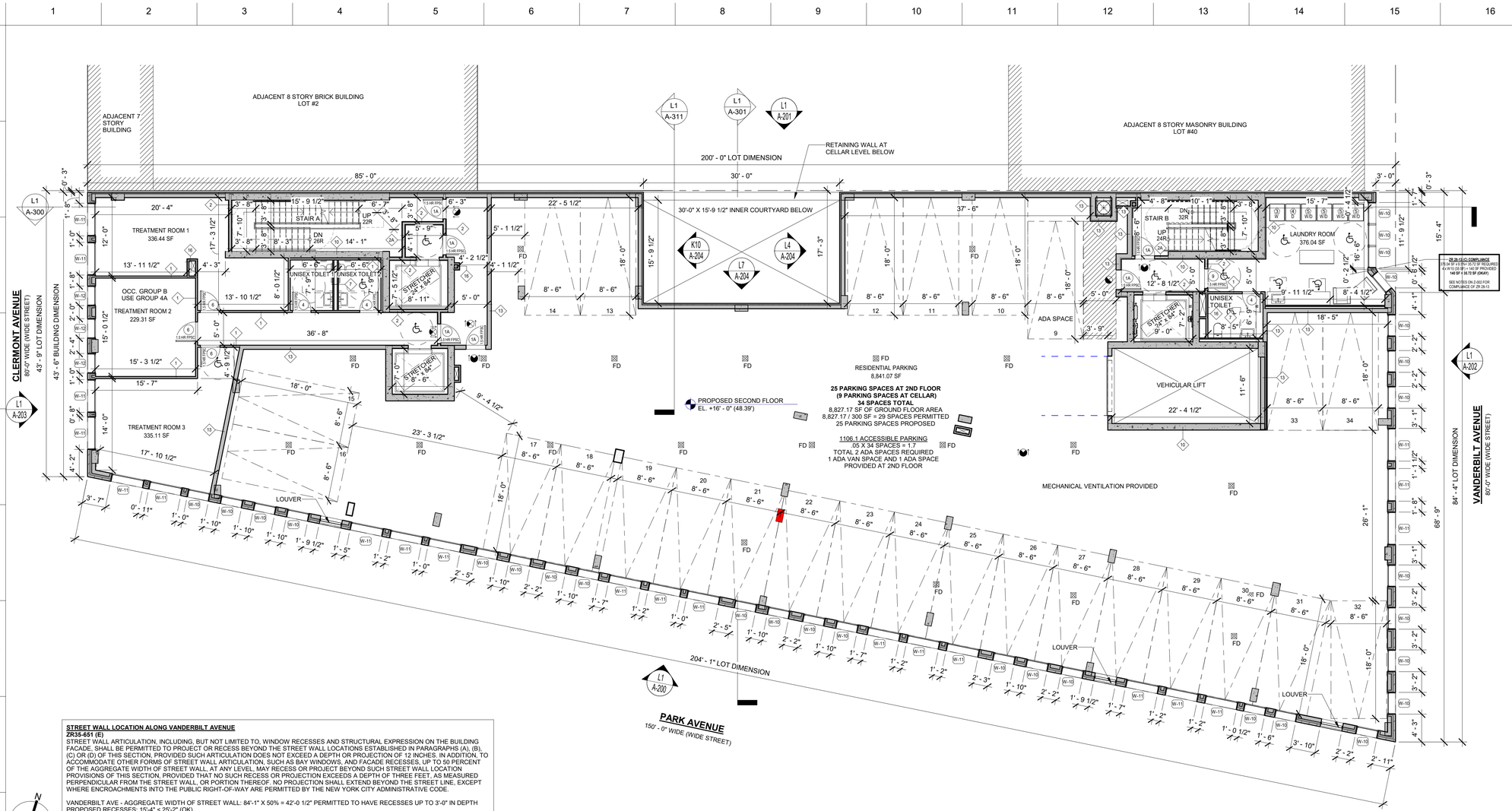
DATE	01/26/2021
DRAWN BY	NP
SCALE	AS NOTED

A-101.00

SHEET 43 OF 108

DOB BSCAN STICKER



STREET WALL LOCATION ALONG VANDERBILT AVENUE
ZR35-651 (E)
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1/8" =1'-0" | SECOND FLOOR EL. +16' - 0" (48.39')

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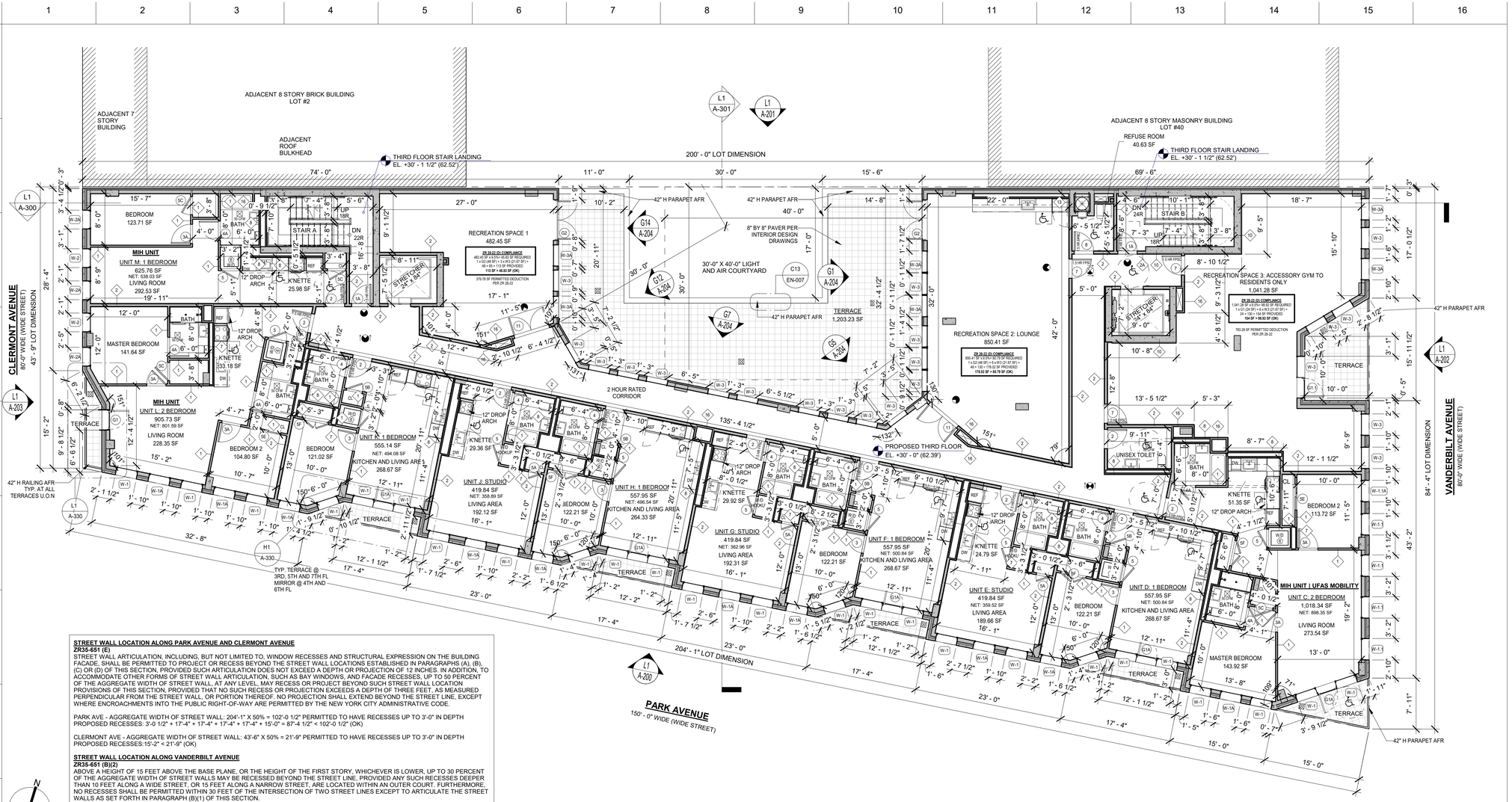
DOB BSCAN STICKER



STREET WALL LOCATION ALONG PARK AVENUE AND CLERMONT AVENUE
ZR35-651 (E)
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PARK AVE - AGGREGATE WIDTH OF STREET WALL: 204'-1" X 50% = 102'-0 1/2" PERMITTED TO HAVE RECESSES UP TO 3'-0" IN DEPTH
PROPOSED RECESSES: 3'-0 1/2" + 17'-4" + 17'-4" + 17'-4" + 17'-4" + 15'-0" = 87'-4 1/2" < 102'-0 1/2" (OK)

CLERMONT AVE - AGGREGATE WIDTH OF STREET WALL: 43'-6" X 50% = 21'-9" PERMITTED TO HAVE RECESSES UP TO 3'-0" IN DEPTH
PROPOSED RECESSES:15'-2" < 21'-9" (OK)

STREET WALL LOCATION ALONG VANDERBILT AVENUE
ZR35-651 (B)(2)
ABOVE A HEIGHT OF 15 FEET ABOVE THE BASE PLANE, OR THE HEIGHT OF THE FIRST STORY, WHICHEVER IS LOWER, UP TO 30 PERCENT OF THE AGGREGATE WIDTH OF STREET WALLS MAY BE RECESSED BEYOND THE STREET LINE, PROVIDED ANY SUCH RECESSES DEEPER THAN 10 FEET ALONG A WIDE STREET, OR 15 FEET ALONG A NARROW STREET, ARE LOCATED WITHIN AN OUTER COURT. FURTHERMORE, NO RECESSES SHALL BE PERMITTED WITHIN 30 FEET OF THE INTERSECTION OF TWO STREET LINES EXCEPT TO ARTICULATE THE STREET WALLS AS SET FORTH IN PARAGRAPH (B)(1) OF THIS SECTION.

VANDERBILT AVE - AGGREGATE WIDTH OF STREET WALL: 84'-1" X 30% = 25'-2" PERMITTED TO HAVE RECESSES UP TO 10'-0" IN DEPTH
PROPOSED RECESSES: 15'-11 1/2" + 7'-11" = 23'-10 1/2" < 25'-2" (OK)

I1 PROPOSED THIRD FLOOR PLAN

1/8" =1'-0" | THIRD FLOOR EL. +30' - 0" <62.39'>

VENTILATION NOTES:
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3. PROVIDE 2 HR FIRE RATED ENCLOSURE FOR ALL DUCT / RISER
4. ALL TOILET EXHAUST REGISTERS SHALL EXHAUST MINIMUM 50 CFM OF AIR
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PER LL 17/95 & BC 1614:
1" BUILDING SEPARATION FOR SEISMIC REQUIREMENT PER TPPN # 2/96 : 1" PER 50' HT
PROPOSED BUILDING HEIGHT : 106'-9"
PROPOSED SEPARATION : 3" AT NORTH PROPERTY LINE

DOOR NOTE
ICC-ANSI A117.1
ALL DOORS SHALL BE PROVIDED WITH DISABLED PERSON COMPLIANT DOOR HARDWARE AND SADDLES

WINDOW NOTE (RESIDENTIAL FLOORS)
ALL WINDOWS TO HAVE OPERABLE PARTS TO BE IN COMPLIANCE WITH BC 1107.2.4 & SECTION 309 OF ICC A117.1

BULKHEAD PARAPET WALL PER BC 705.11 :
* 12" MIN. ABOVE FINISHED ROOF
* COPING AND FLASHING NECESSARY
* CONTRACTOR TO SUPPLY MANUFACTURER'S SHOP DRAWINGS SHOWING ALL ROOF WATERPROOFING DETAILS

SEE STRUCTURAL DRAWINGS FOR STRUCTURAL DESIGN (TO BE SUBMITTED SEPARATELY)
FOR UNDERPINNING AND SHORING REQUIREMENTS SEE STRUCTURAL DRAWINGS (TO BE SUBMITTED SEPARATELY)

SEE SHEET A-913.00 FOR LIGHT AND VENTILATION CALCULATIONS.

PER BC 908.7, 907.2.9, 907.2.10.1.1
HARDWIRED CARBON MONOXIDE AND SMOKE DETECTORS SHALL COMPLY WITH LL 7/04 27-981.21 RCNY 28-02, BC28-903.2.7

NO BOILER PROPOSED FOR BUILDING. HEAT TO BE PROVIDED BY ELECTRIC SPLIT UNITS.
NO CHIMNEY PROPOSED.

ALL SHOWN ELEVATION MARKS DENOTE TOP OF SLAB

SEE MECHANICAL DRAWINGS FOR MECHANICAL DESIGN (TO BE SUBMITTED SEPARATELY)

ENTIRE BLDG TO BE FIRE PROTECTED WITH SPRINKLERS PER ALL REGULATIONS SEE FIRE PROTECTION DWGS FILED SEPARATELY

1107.2.2 TYPE B+NYCUNIT TOILET AND BATHING ROOMS.WHERE TOILET AND BATHING ROOMS ARE PROVIDED IN THE TYPE B+NYC DWELLING UNIT OR SLEEPING UNIT, ALL SUCH TOILET AND BATHING ROOMS SHALL COMPLY WITH APPENDIX P.EXCEPTION FOR TYPE A TOILET AND BATHING ROOM:
1) WHERE AT LEAST ONE TOILET AND BATHING ROOM IN THE TYPE B+NYC DWELLING UNIT OR SLEEPING UNIT IS CONSTRUCTED IN ACCORDANCE WITH THE TYPE A TOILET AND BATHING FACILITIES REQUIREMENTS OF SECTION 1003.11 (TOILET AND BATHING FACILITIES), INCLUDING SECTION 1003.3.2 (TURNING SPACE), OF ICC A117.1 AND IS IN COMPLIANCE WITH THE FOLLOWING:
1.1. AT LEAST ONE LAVATORY, ONE WATER CLOSET AND EITHER A BATHTUB OR SHOWER WITHIN SUCH TOILET OR BATHING FACILITY SHALL COMPLY WITH SECTION 1003.11 OF ICC A117.1. SUCH TOILET AND BATHING FIXTURES SHALL BE IN A SINGLE TOILET OR BATHING AREA, SUCH THAT TRAVEL BETWEEN FIXTURES DOES NOT REQUIRE TRAVEL BEYOND THE AREA IN WHICH THE FIXTURES OF SUCH TOILET OR BATHING ROOM ARE LOCATED.
1.2. TOILET PAPER DISPENSERS WITHIN SUCH ROOMS SHALL COMPLY WITH SECTION 604.7 (DISPENSERS) OF ICC A117.1.
1.3.MEDICINE CABINETS, IF PROVIDED, MUST INCLUDE A STORAGE SHELF NO HIGHER THAN 44 INCHES (1118 MM) ABOVE THE FLOOR.
2)WHERE AT LEAST ONE TOILET AND BATHING ROOM COMPLYING WITH SECTIONS 1003.11 AND 1002.3.2 OF ICC A117.1 IS PROVIDED WITHIN THE TYPE B+NYC DWELLING UNIT OR SLEEPING UNIT IN ACCORDANCE WITH ITEM 1 OF THIS EXCEPTION, OTHER TOILET AND BATHING ROOMS IN THE SAME UNIT SHALL BE REQUIRED TO COMPLY ONLY WITH SECTIONS 1004.3 (ACCESSIBLE ROUTE), 1004.4 (WALKING SURFACES), 1004.5.2 (USER PASSAGE DOORWAYS), 1004.9 (OPERABLE PARTS) AND 1004.11.1 (GRAB BAR AND SHOWER SEAT REINFORCEMENT) OF ICC A117.1. DOORS AND DOORWAYS TO SUCH TOILET AND BATHING ROOMS SHALL BE SUBJECT TO SECTION 1107.2.1,EXCEPTION 5.

L1 NOTES

1/8" =1'-0"

DRAWING LEGEND	
1A	DOOR TAG
W-1	WINDOW TAG
1	WALL TAG
FD	FLOOR DRAIN
RD	ROOF DRAIN
	CEILING MOUNTED EXIT SIGN
	WALL MOUNTED EXIT SIGN
SD/CM	SMOKE DETECTOR
90 CFM	MECHANICAL VENTILATION - 50 MIN BATHROOM
75 CFM	MECHANICAL VENTILATION - 75 MIN KITCHEN
1	EQUIPMENT TAG
1	REVISION NUMBER

DRAWING LEGEND	
1 / A-200	ELEVATION NUMBER SHEET NUMBER
1 / A-200	SECTION NUMBER SHEET NUMBER

DRAWING LEGEND		
1	INTERIOR STUD WALL	(1HR FIRE RATED)
2	INTERIOR STUD WALL	(2HR FIRE RATED)
7	TYP. CHASE WALL	(1HR FIRE RATED)
8	TYP. CHASE WALL	(2HR FIRE RATED)
10	METAL STUD FURRING WALL	(1HR FIRE RATED)
13	C.M.U. WALL WITH FURRING	(3HR FIRE RATED)
16	SHAFTWALL	(2HR FIRE RATED)

L10 DRAWING LEGEND

1/8" =1'-0"

58 VANDERBILT AVENUE

BROOKLYN, NY 11205

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670 Myrtle Avenue
Brooklyn, NY 11205

REVISION TABLE		
NUMBER	DATE	DESCRIPTION

100% CD

PLUMBING
ELECTRICAL
MECHANICAL
STRUCTURAL
ARCHITECTURAL

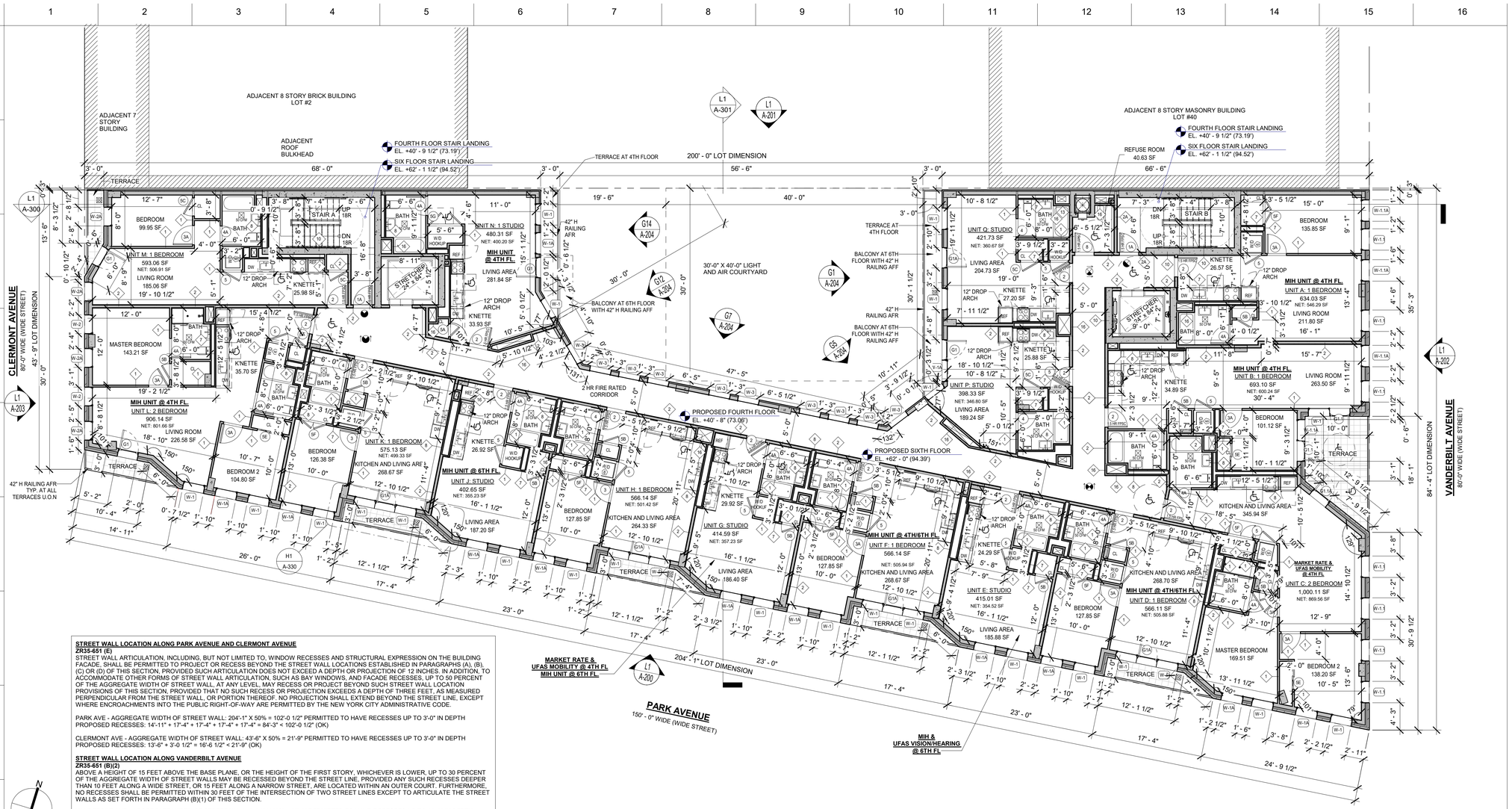
PROPOSED THIRD FLOOR PLAN

DOB JOB #	321595797
BIN #	3428621
DATE	01/26/2021
DRAWN BY	NP
SCALE	AS NOTED

A-103.00

SHEET 45 OF 108

DOB BSCAN STICKER



STREET WALL LOCATION ALONG PARK AVENUE AND CLERMONT AVENUE
ZR35-651 (E)
STREET WALL ARTICULATION, INCLUDING, BUT NOT LIMITED TO, WINDOW RECESSES AND STRUCTURAL EXPRESSION ON THE BUILDING FACADE, SHALL BE PERMITTED TO PROJECT OR RECESS BEYOND THE STREET WALL LOCATIONS ESTABLISHED IN PARAGRAPHS (A), (B), (C) OR (D) OF THIS SECTION, PROVIDED SUCH ARTICULATION DOES NOT EXCEED A DEPTH OR PROJECTION OF 12 INCHES. IN ADDITION, TO ACCOMMODATE OTHER FORMS OF STREET WALL ARTICULATION, SUCH AS BAY WINDOWS, AND FACADE RECESSES, UP TO 50 PERCENT OF THE AGGREGATE WIDTH OF STREET WALL AT ANY LEVEL, MAY RECESS OR PROJECT BEYOND SUCH STREET WALL LOCATION PROVISIONS OF THIS SECTION, PROVIDED THAT NO SUCH RECESS OR PROJECTION EXCEEDS A DEPTH OF THREE FEET, AS MEASURED PERPENDICULAR FROM THE STREET WALL, OR PORTION THEREOF. NO PROJECTION SHALL EXTEND BEYOND THE STREET LINE, EXCEPT WHERE ENCROACHMENTS INTO THE PUBLIC RIGHT-OF-WAY ARE PERMITTED BY THE NEW YORK CITY ADMINISTRATIVE CODE.

PARK AVE - AGGREGATE WIDTH OF STREET WALL: 204'-1" X 50% = 102'-0 1/2" PERMITTED TO HAVE RECESSES UP TO 3'-0" IN DEPTH
PROPOSED RECESSES: 14'-11" + 17'-4" + 17'-4" + 17'-4" + 17'-4" = 84'-3" < 102'-0 1/2" (OK)

CLERMONT AVE - AGGREGATE WIDTH OF STREET WALL: 43'-6" X 50% = 21'-9" PERMITTED TO HAVE RECESSES UP TO 3'-0" IN DEPTH
PROPOSED RECESSES: 13'-6" + 3'-0 1/2" = 16'-6 1/2" < 21'-9" (OK)

STREET WALL LOCATION ALONG VANDERBILT AVENUE
ZR35-651 (B)(2)
ABOVE A HEIGHT OF 15 FEET ABOVE THE BASE PLANE, OR THE HEIGHT OF THE FIRST STORY, WHICHEVER IS LOWER, UP TO 30 PERCENT OF THE AGGREGATE WIDTH OF STREET WALLS MAY BE RECESSED BEYOND THE STREET LINE, PROVIDED ANY SUCH RECESSES DEEPER THAN 10 FEET ALONG A WIDE STREET, OR 15 FEET ALONG A NARROW STREET, ARE LOCATED WITHIN AN OUTER COURT. FURTHERMORE, NO RECESSES SHALL BE PERMITTED WITHIN 30 FEET OF THE INTERSECTION OF TWO STREET LINES EXCEPT TO articulate THE STREET WALLS AS SET FORTH IN PARAGRAPH (B)(1) OF THIS SECTION.

VANDERBILT AVE - AGGREGATE WIDTH OF STREET WALL: 84'-1" X 30% = 25'-2" PERMITTED TO HAVE RECESSES UP TO 10'-0" IN DEPTH
PROPOSED RECESSES: 18'-1" < 25'-2" (OK)

I1 PROPOSED TYPICAL FOURTH & SIXTH FLOOR PLANS

1/8" =1'-0" FOURTH FLOOR EL +40' - 8" <73.06'>; SIXTH FLOOR EL +62' - 0" <94.39'>

L1 NOTES

1/8" =1'-0"

VENTILATION NOTES:
1. THE INSTALLATION OF THE VENTILATION AND AIR CONDITION SYSTEM SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF REFERENCE STANDARDS RS-12, 13 & 14 OF THE CODE
2. FIRE DAMPERS, SMOKE DAMPERS AND COMBINATIONS FIRE AND SMOKE DAMPERS, WHERE REQUIRED, SHALL BE OF THE TYPE APVD. BY THE BOARD OF STANDARDS AND APPEALS.
3. PROVIDE 2 HR FIRE RATED ENCLOSURE FOR ALL DUCT / RISER
4. ALL TOILET EXHAUST REGISTERS SHALL EXHAUST MINIMUM 50 CFM OF AIR
5. KITCHEN EXHAUST REGISTER SHALL EXHAUST MIN 75 CFM OF AIR
6. ALL MECHANICAL EQUIPMENT SHALL BE INSTALLED IN FULL COMPLIANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTION

PER LL 17/95 & BC 1614:
1" BUILDING SEPARATION FOR SEISMIC REQUIREMENT PER TPPN # 2/96 : 1" PER 50' HT
PROPOSED BUILDING HEIGHT : 106'-9"
PROPOSED SEPARATION : 3" AT NORTH PROPERTY LINE

DOOR NOTE
ICC-ANSI A117.1
ALL DOORS SHALL BE PROVIDED WITH DISABLED PERSON COMPLIANT DOOR HARDWARE AND SADDLES

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FOR UNDERPINNING AND SHORING REQUIREMENTS SEE STRUCTURAL DRAWINGS (TO BE SUBMITTED SEPARATELY)

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NO CHIMNEY PROPOSED.

ALL SHOWN ELEVATION MARKS DENOTE TOP OF SLAB

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L10 DRAWING LEGEND

1/8" =1'-0"

DRAWING LEGEND	
1A	DOOR TAG
W-1	WINDOW TAG
1	WALL TAG
FD	FLOOR DRAIN
RD	ROOF DRAIN
	CEILING MOUNTED EXIT SIGN
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SD/CM	SMOKE DETECTOR
50 CFM	MECHANICAL VENTILATION - 50 MIN BATHROOM
75 CFM	MECHANICAL VENTILATION - 75 MIN KITCHEN
1	EQUIPMENT TAG
1	REVISION NUMBER

DRAWING LEGEND	
1 / A-200	ELEVATION NUMBER SHEET NUMBER
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16	SHAFTWALL (2HR FIRE RATED)

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Brooklyn, NY 11205

REVISION TABLE		
NUMBER	DATE	DESCRIPTION
1		MARKET RATE & UFAS MOBILITY @ 4TH FL

100% CD

PLUMBING
ELECTRICAL
MECHANICAL
STRUCTURAL
ARCHITECTURAL

PROPOSED TYPICAL FOURTH & SIXTH FLOOR PLAN

DOB JOB #	321595797
BIN #	3428621
DATE	01/26/2021
DRAWN BY	NP
SCALE	AS NOTED

A-104.00

SHEET 46 OF 108

DOB BSCAN STICKER

I1 PROPOSED TYPICAL FIFTH & SEVENTH FLOOR PLANS

1/8" =1'-0" | FIFTH FLOOR EL. +51' - 4" <83.72'>; SEVENTH FLOOR EL. +72' - 8" <105.06'>

L1 NOTES

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VENTILATION NOTES:
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PER TPPN # 2/96 : 1" PER 50' HT
PROPOSED BUILDING HEIGHT : 106'-9"
PROPOSED SEPARATION : 3" AT NORTH PROPERTY LINE

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NO CHIMNEY PROPOSED.

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1/8" =1'-0"

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REVISION TABLE		
NUMBER	DATE	DESCRIPTION

100% CD

PLUMBING
ELECTRICAL
MECHANICAL
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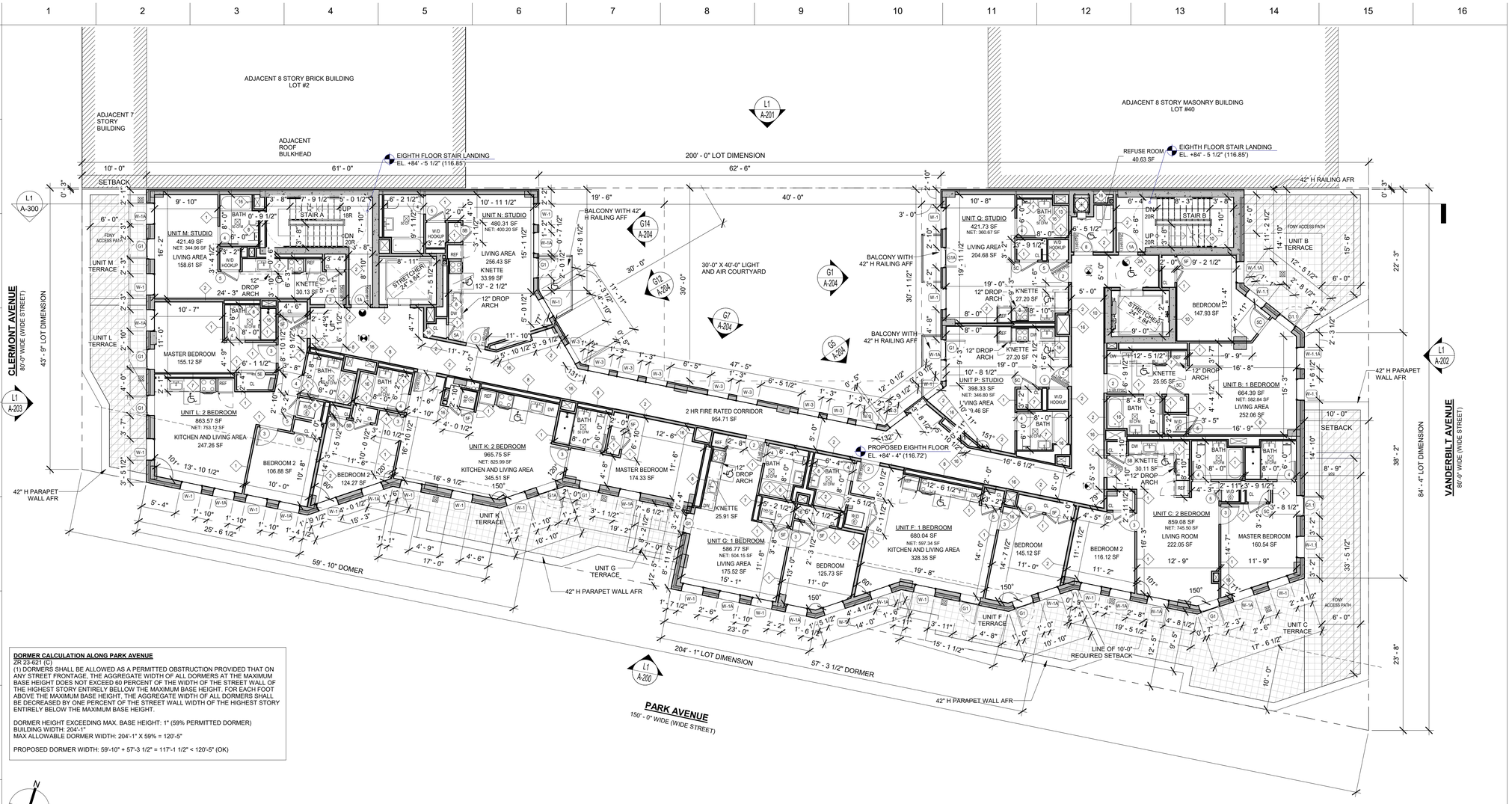
PROPOSED TYPICAL FIFTH & SEVENTH FLOOR PLAN

DOB JOB #	321595797
BIN #	3428621
DATE	01/26/2021
DRAWN BY	NP
SCALE	AS NOTED

A-105.00

SHEET 47 OF 108

DOB BSCAN STICKER



DORMER CALCULATION ALONG PARK AVENUE
ZR 23-621 (C)
(1) DORMERS SHALL BE ALLOWED AS A PERMITTED OBSTRUCTION PROVIDED THAT ON ANY STREET FRONTAGE, THE AGGREGATE WIDTH OF ALL DORMERS AT THE MAXIMUM BASE HEIGHT DOES NOT EXCEED 60 PERCENT OF THE WIDTH OF THE STREET WALL OF THE HIGHEST STORY ENTIRELY BELLOW THE MAXIMUM BASE HEIGHT. FOR EACH FOOT ABOVE THE MAXIMUM BASE HEIGHT, THE AGGREGATE WIDTH OF ALL DORMERS SHALL BE DECREASED BY ONE PERCENT OF THE STREET WALL WIDTH OF THE HIGHEST STORY ENTIRELY BELOW THE MAXIMUM BASE HEIGHT.

DORMER HEIGHT EXCEEDING MAX. BASE HEIGHT: 1" (59% PERMITTED DORMER)
BUILDING WIDTH: 204'-1"
MAX ALLOWABLE DORMER WIDTH: 204'-1" X 59% = 120'-5"

PROPOSED DORMER WIDTH: 59'-10" + 57'-3 1/2" = 117'-1 1/2" < 120'-5" (OK)

I1 PROPOSED EIGHTH FLOOR PLAN

1/8" =1'-0" | EIGHTH FLOOR EL. +84' - 4" (116.72')

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PER LL 17/95 & BC 1614:
1" BUILDING SEPARATION FOR SEISMIC REQUIREMENT
PER TPPN # 2/96 : 1" PER 50' HT
PROPOSED BUILDING HEIGHT : 106'-9"
PROPOSED SEPARATION : 3" AT NORTH PROPERTY LINE

DOOR NOTE
ICC-ANSI A117.1
ALL DOORS SHALL BE PROVIDED WITH DISABLED PERSON COMPLIANT DOOR HARDWARE AND SADDLES

WINDOW NOTE (RESIDENTIAL FLOORS)
ALL WINDOWS TO HAVE OPERABLE PARTS TO BE IN COMPLIANCE WITH BC 1107.2.4 & SECTION 309 OF ICC A117.1

BULKHEAD PARAPET WALL PER BC 705.11 :
* 1'2" MIN. ABOVE FINISHED ROOF
* COPING AND FLASHING NECESSARY
* CONTRACTOR TO SUPPLY MANUFACTURER'S SHOP DRAWINGS SHOWING ALL ROOF WATERPROOFING DETAILS

SEE STRUCTURAL DRAWINGS FOR STRUCTURAL DESIGN (TO BE SUBMITTED SEPARATELY)
FOR UNDERPINNING AND SHORING REQUIREMENTS SEE STRUCTURAL DRAWINGS (TO BE SUBMITTED SEPARATELY)

SEE SHEET A-913.00 FOR LIGHT AND VENTILATION CALCULATIONS.

PER BC 908.7, 907.2.9, 907.2.10.1.1
HARDWIRED CARBON MONOXIDE AND SMOKE DETECTORS SHALL COMPLY WITH LL 7/04 27-981.21 RCNY 28-02, BC28-903.2.7

NO BOILER PROPOSED FOR BUILDING. HEAT TO BE PROVIDED BY ELECTRIC SPLIT UNITS.
NO CHIMNEY PROPOSED.

ALL SHOWN ELEVATION MARKS DENOTE TOP OF SLAB

SEE MECHANICAL DRAWINGS FOR MECHANICAL DESIGN (TO BE SUBMITTED SEPARATELY)

ENTIRE BLDG TO BE FIRE PROTECTED WITH SPRINKLERS PER ALL REGULATIONS SEE FIRE PROTECTION DWGS FILED SEPARATELY

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1.1. AT LEAST ONE LAVATORY, ONE WATER CLOSET AND EITHER A BATHTUB OR SHOWER WITHIN SUCH TOILET OR BATHING FACILITY SHALL COMPLY WITH SECTION 1003.11 OF ICC A117.1. SUCH TOILET AND BATHING FIXTURES SHALL BE IN A SINGLE TOILET OR BATHING AREA, SUCH THAT TRAVEL BETWEEN FIXTURES DOES NOT REQUIRE TRAVEL BEYOND THE AREA IN WHICH THE FIXTURES OF SUCH TOILET OR BATHING ROOM ARE LOCATED.
1.2. TOILET PAPER DISPENSERS WITHIN SUCH ROOMS SHALL COMPLY WITH SECTION 604.7 (DISPENSERS) OF ICC A117.1.
1.3.MEDICINE CABINETS, IF PROVIDED, MUST INCLUDE A STORAGE SHELF NO HIGHER THAN 44 INCHES (1118 MM) ABOVE THE FLOOR.
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L1 NOTES

1/8" =1'-0"

DRAWING LEGEND	
1A	DOOR TAG
W-1	WINDOW TAG
1	WALL TAG
FD	FLOOR DRAIN
RD	ROOF DRAIN
	CEILING MOUNTED EXIT SIGN
	WALL MOUNTED EXIT SIGN
SD/CM	SMOKE DETECTOR
50 CFM	MECHANICAL VENTILATION - 50 MIN BATHROOM
75 CFM	MECHANICAL VENTILATION - 75 MIN KITCHEN
1	EQUIPMENT TAG
1	REVISION NUMBER

DRAWING LEGEND	
1 / A-200	ELEVATION NUMBER SHEET NUMBER
1 / A-200	SECTION NUMBER SHEET NUMBER

DRAWING LEGEND	
1	INTERIOR STUD WALL (1HR FIRE RATED)
2	INTERIOR STUD WALL (2HR FIRE RATED)
7	TYP. CHASE WALL (1HR FIRE RATED)
8	TYP. CHASE WALL (2HR FIRE RATED)
10	METAL STUD FURRING WALL (1HR FIRE RATED)
13	C.M.U. WALL WITH FURRING (3HR FIRE RATED)
16	SHAFTWALL (2HR FIRE RATED)

L10 DRAWING LEGEND

1/8" =1'-0"

58 VANDERBILT AVENUE

BROOKLYN, NY 11205

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REVISION TABLE		
NUMBER	DATE	DESCRIPTION

100% CD

PLUMBING
ELECTRICAL
MECHANICAL
STRUCTURAL
ARCHITECTURAL

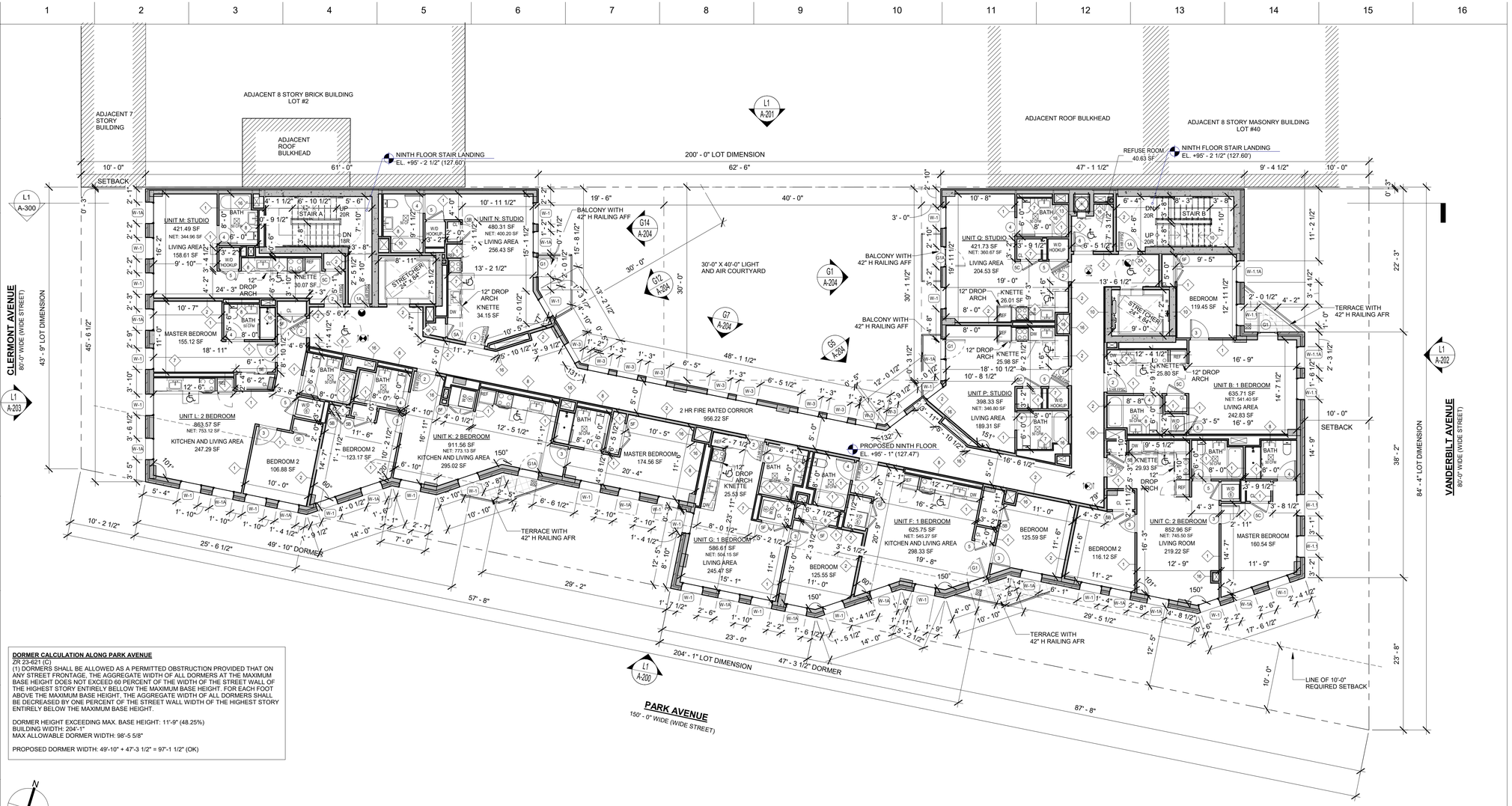
PROPOSED EIGHTH FLOOR PLAN

DOB JOB #	321595797
BIN #	3428621
DATE	01/26/2021
DRAWN BY	NP
SCALE	AS NOTED

A-106.00

SHEET 48 OF 108

DOB BSCAN STICKER



DORMER CALCULATION ALONG PARK AVENUE
ZR 23-621 (C)
(1) DORMERS SHALL BE ALLOWED AS A PERMITTED OBSTRUCTION PROVIDED THAT ON ANY STREET FRONTAGE, THE AGGREGATE WIDTH OF ALL DORMERS AT THE MAXIMUM BASE HEIGHT DOES NOT EXCEED 60 PERCENT OF THE WIDTH OF THE STREET WALL OF THE HIGHEST STORY ENTIRELY BELLOW THE MAXIMUM BASE HEIGHT. FOR EACH FOOT ABOVE THE MAXIMUM BASE HEIGHT, THE AGGREGATE WIDTH OF ALL DORMERS SHALL BE DECREASED BY ONE PERCENT OF THE STREET WALL WIDTH OF THE HIGHEST STORY ENTIRELY BELOW THE MAXIMUM BASE HEIGHT.

DORMER HEIGHT EXCEEDING MAX. BASE HEIGHT: 11'-9" (48.25%)
BUILDING WIDTH: 204'-1"
MAX ALLOWABLE DORMER WIDTH: 98'-5 5/8"

PROPOSED DORMER WIDTH: 49'-10" + 47'-3 1/2" = 97'-1 1/2" (OK)

I1 PROPOSED NINTH FLOOR PLAN

1/8" =1'-0" | NINTH FLOOR EL. +95' - 1" <127.47'>

L1 NOTES

VENTILATION NOTES:
1. THE INSTALLATION OF THE VENTILATION AND AIR CONDITION SYSTEM SHALL COMPLY WITH THE APPLICABLE PROVISIONS OF REFERENCE STANDARDS RS-12, 13 & 14 OF THE CODE
2. FIRE DAMPERS, SMOKE DAMPERS AND COMBINATIONS FIRE AND SMOKE DAMPERS, WHERE REQUIRED, SHALL BE OF THE TYPE APVD. BY THE BOARD OF STANDARDS AND APPEALS.
3. PROVIDE 2 HR FIRE RATED ENCLOSURE FOR ALL DUCT / RISER
4. ALL TOILET EXHAUST REGISTERS SHALL EXHAUST MINIMUM 50 CFM OF AIR
5. KITCHEN EXHAUST REGISTER SHALL EXHAUST MIN 75 CFM OF AIR
6. ALL MECHANICAL EQUIPMENT SHALL BE INSTALLED IN FULL COMPLIANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTION

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L10 DRAWING LEGEND

1/8" =1'-0"

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1 / A-200	ELEVATION NUMBER SHEET NUMBER
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MECHANICAL
STRUCTURAL
ARCHITECTURAL

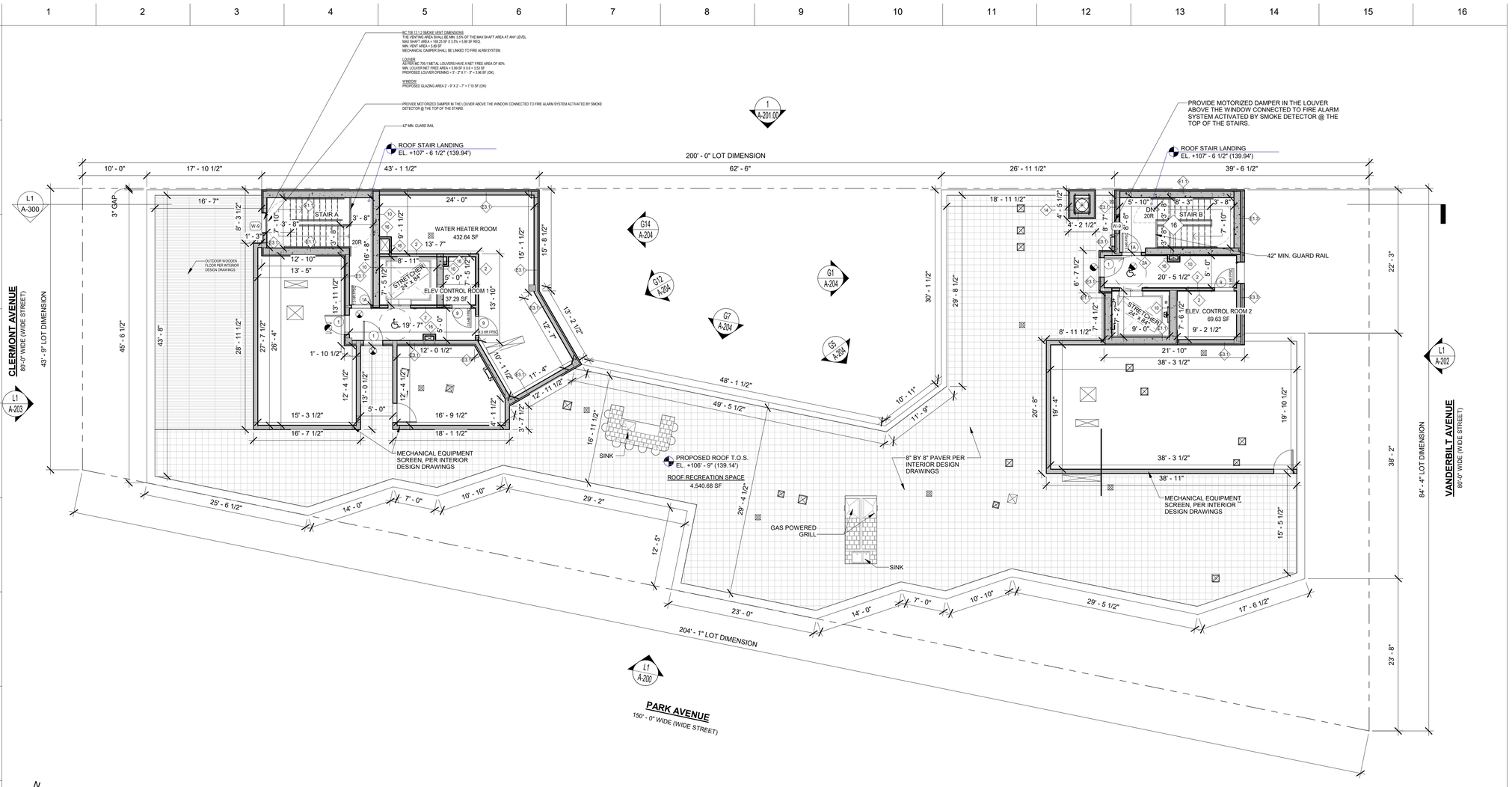
PROPOSED NINTH FLOOR PLAN

DOB JOB #	321595797
BIN #	3428621
DATE	01/26/2021
DRAWN BY	NP
SCALE	AS NOTED

A-107.00

SHEET 49 OF 108

DOB BSCAN STICKER



I1 PROPOSED ROOF PLAN

1/8" =1'-0" | ROOF EL. +106' - 9" <139.14'>

L1 NOTES

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1/8" =1'-0"

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W-1	WINDOW TAG
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1 / A-200	ELEVATION NUMBER SHEET NUMBER
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100% CD

PROPOSED ROOF PLAN

PLUMBING
ELECTRICAL
MECHANICAL
STRUCTURAL
ARCHITECTURAL

DOB JOB #	321595797
BIN #	3428621
DATE	01/26/2021
DRAWN BY	NP
SCALE	AS NOTED

A-108.00

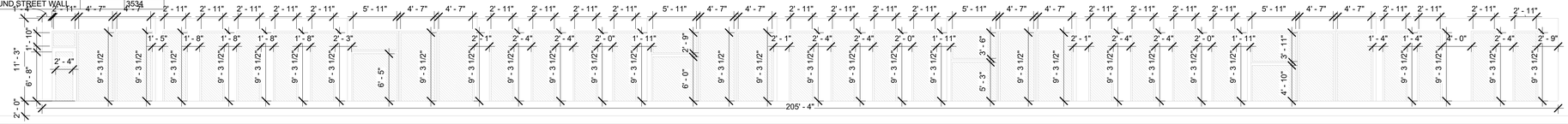
SHEET 50 OF 108

DOB BSCAN STICKER

GROUND STREET WALL		
Comments	Mark	AREA
GROUND STREET WALL	OPAQUE	2310
GROUND STREET WALL	GLAZE	1224
GROUND STREET WALL		3534

GLAZING RATIO: 1,224 SF /3,310 SF = 52.99% (OK)

WALL MATERIAL			
SYMBOL	MATERIAL	MANUFACTURER	COLOR
B1	BRICK	ARRISCRAFT	50% CHARCOAL, 20% MIDNIGHT GREY, 15% OBSIDIAN, 15% OPAL
T1	TERRA COTTA	TELLING ARGETON	WAVY PATTERN IN SALMON/PASTEL RED



B1 MINIMUM TRANSPARENCY REQUIREMENTS PER ZR 37-34

1/8" =1'-0"

L1 PROPOSED SOUTH ELEVATION

1/8" =1'-0"

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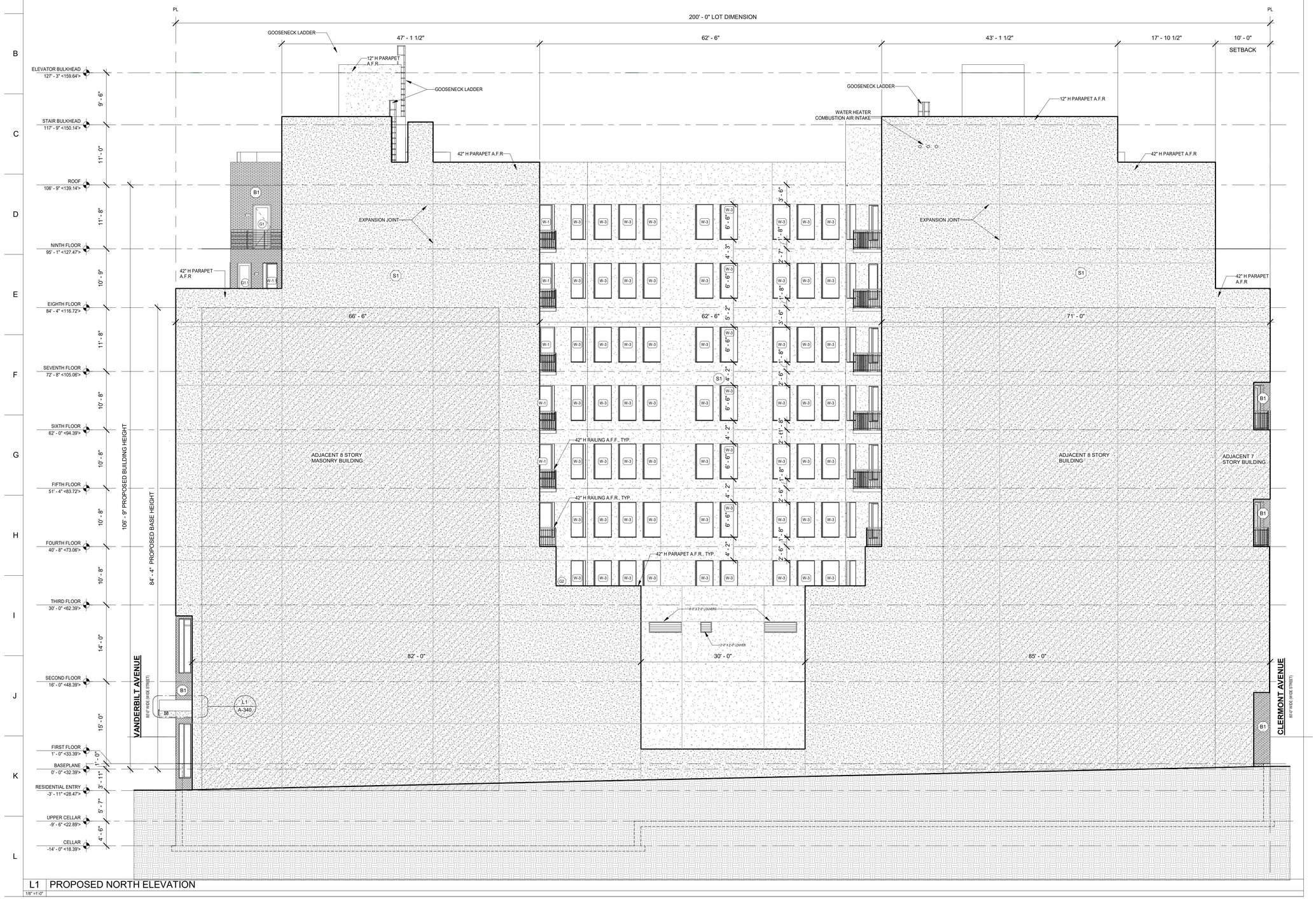
DRAWN BY	NP
SCALE	AS NOTED

A-200.00

SHEET 52 OF 108

DOB BSCAN STICKER

WALL MATERIAL			
SYMBOL	MATERIAL	MANUFACTURER	COLOR
B1	BRICK	ARRISCRAFT	50% CHARCOAL, 20% MIDNIGHT GREY, 15% OBSIDIAN, 15% OPAL
S1	STUCCO	STOCORP	STO 16265



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Owner

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Brooklyn, NY 11206
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General Contractor

PREFERRED BUILDERS
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Brooklyn, NY 11205

REVISION TABLE		
NUMBER	DATE	DESCRIPTION

100% CD

NORTH ELEVATION

DOB JOB #	321595797
BIN #	3428621
DATE	01/26/2021
DRAWN BY	NP
SCALE	AS NOTED

A-201.00

SHEET 53 OF 108

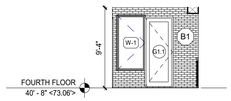
DOB BSCAN STICKER

PLUMBING
ELECTRICAL
MECHANICAL
STRUCTURAL
ARCHITECTURAL

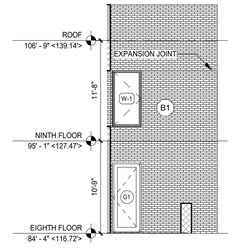
L1 PROPOSED EAST ELEVATION
1/8" =1'-0"

WALL MATERIAL			
SYMBOL	MATERIAL	MANUFACTURER	COLOR
B1	BRICK	ARRISCRAFT	50% CHARCOAL, 20% MIDNIGHT GREY, 15% OBSIDIAN, 15% OPAL
T1	TERRA COTTA	TELLING ARGETON	WAVY PATTERN IN SALMON/PASTEL RED
S1	STUCCO	STOCORP	STO 16265

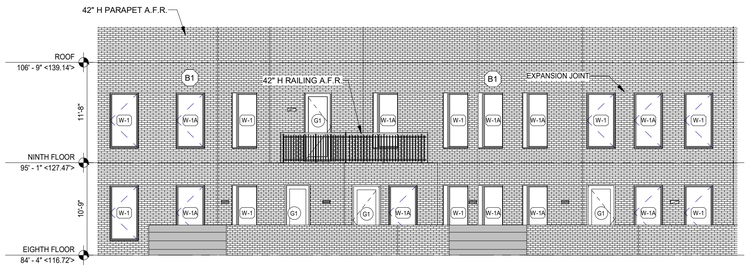
C11 WALL MATERIAL LEGEND
N.T.S.



E11 TERRACE ELEVATION
1/8" =1'-0"



H11 TERRACE ELEVATION
1/8" =1'-0"



L11 TERRACE ELEVATION
1/8" =1'-0"

58 VANDERBILT AVENUE
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REVISION TABLE		
NUMBER	DATE	DESCRIPTION

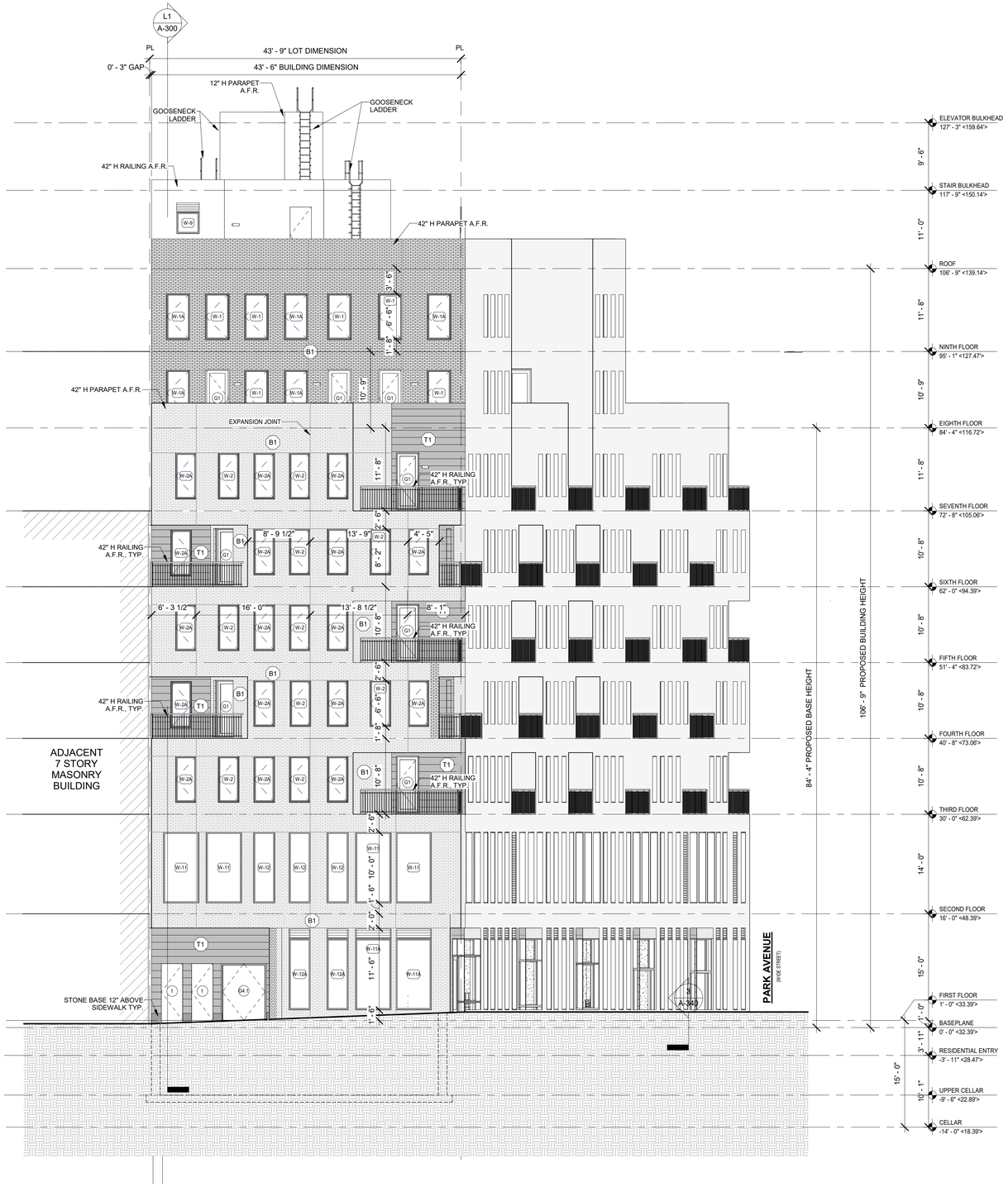
100% CD

PLUMBING
ELECTRICAL
MECHANICAL
STRUCTURAL
ARCHITECTURAL

EAST ELEVATION

DOB JOB #	321595797
BIN #	3428621
DATE	01/26/2021
DRAWN BY	NP
SCALE	AS NOTED

A-202.00
SHEET 54 OF 108
DOB BSCAN STICKER



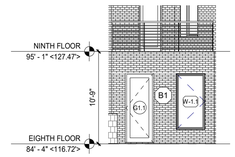
L1 | PROPOSED WEST ELEVATION

1/8" =1'-0"

WALL MATERIAL			
SYMBOL	MATERIAL	MANUFACTURER	COLOR
B1	BRICK	ARRISCRAFT	50% CHARCOAL, 20% MIDNIGHT GREY, 15% OBSIDIAN, 15% OPAL
T1	TERRA COTTA	TELLING ARGETON	WAVY PATTERN IN SALMON/PASTEL RED
S1	STUCCO	STOCORP	STO 16265

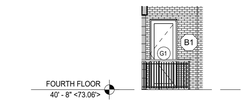
C11 | WALL MATERIAL LEGEND

N.T.S.



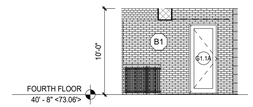
E11 | TERRACE ELEVATION

1/8" =1'-0"



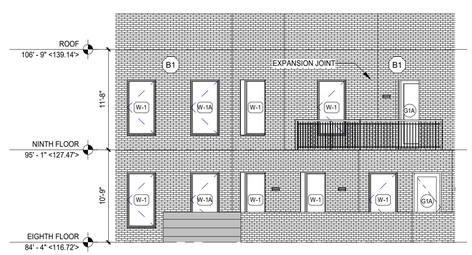
G11 | TERRACE ELEVATION

1/8" =1'-0"



I11 | TERRACE ELEVATION

1/8" =1'-0"



L11 | TERRACE ELEVATION

1/8" =1'-0"

58 VANDERBILT AVENUE

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Brooklyn, NY 11205

REVISION TABLE		
NUMBER	DATE	DESCRIPTION

100% CD

WEST SIDE ELEVATION

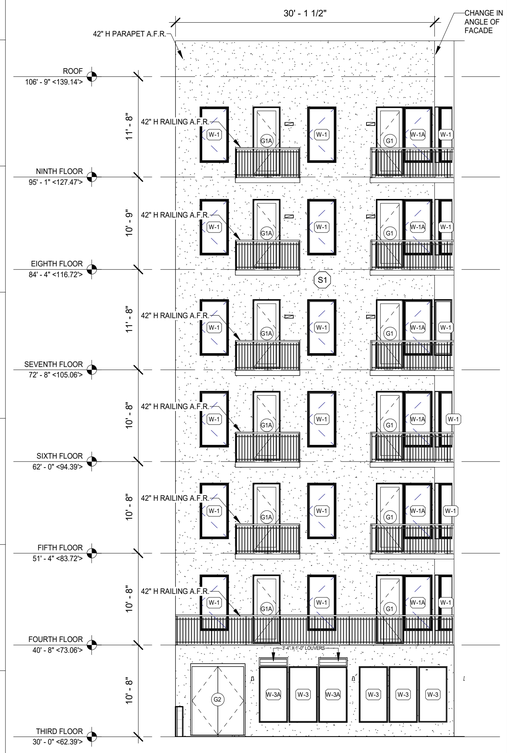
DOB JOB #	321595797
BIN #	3428621
DATE	01/26/2021
DRAWN BY	NP
SCALE	AS NOTED

A-203.00

SHEET 55 OF 108

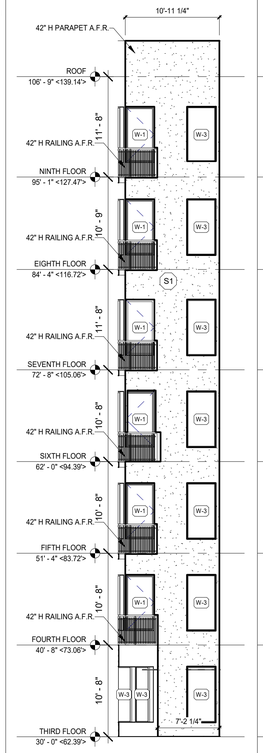
DOB BSCAN STICKER

PLUMBING
ELECTRICAL
MECHANICAL
STRUCTURAL
ARCHITECTURAL



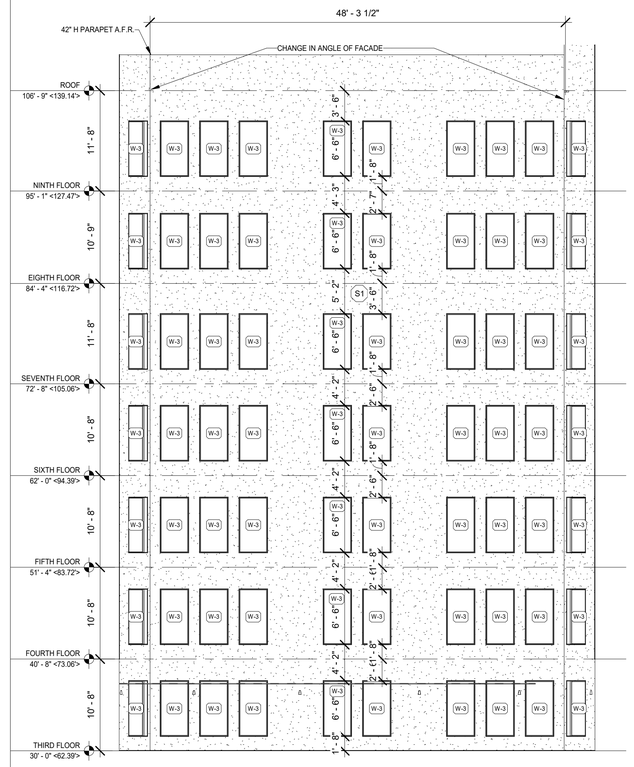
G1 | COURTYARD ELEVATION

1/8" =1'-0"



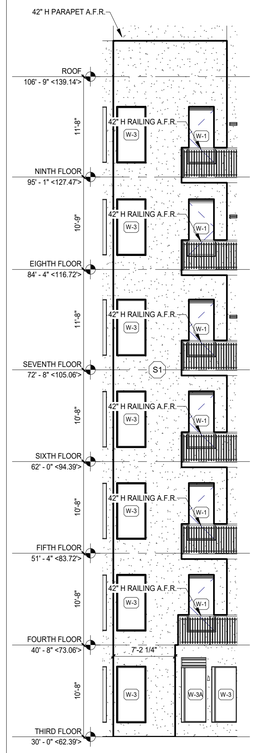
G5 | COURTYARD ELEVATION

1/8" =1'-0"



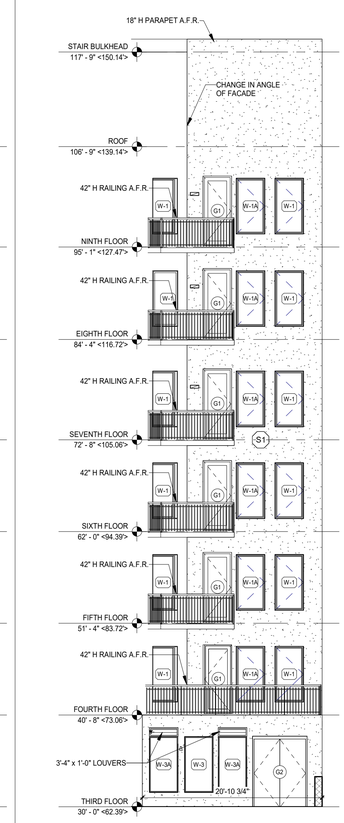
G7 | COURTYARD ELEVATION

1/8" =1'-0"



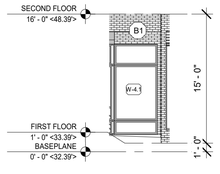
G12 | COURTYARD ELEVATION

1/8" =1'-0"



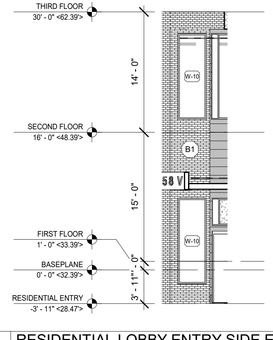
G14 | COURTYARD ELEVATION

1/8" =1'-0"



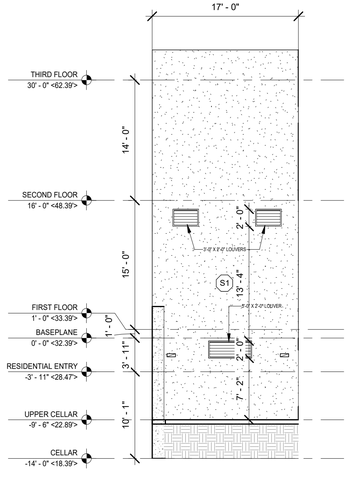
I1 | COMMERCIAL ENTRY SIDE ELEVATION TYP.

1/8" =1'-0"



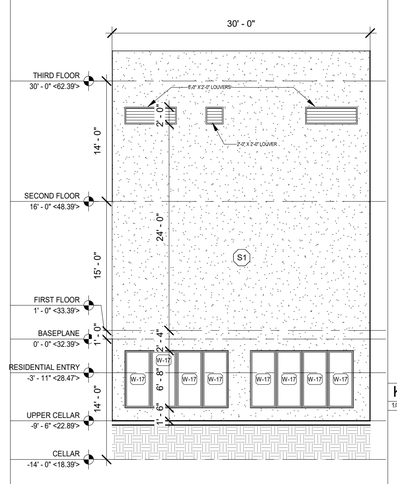
L1 | RESIDENTIAL LOBBY ENTRY SIDE ELEVATION

1/8" =1'-0"



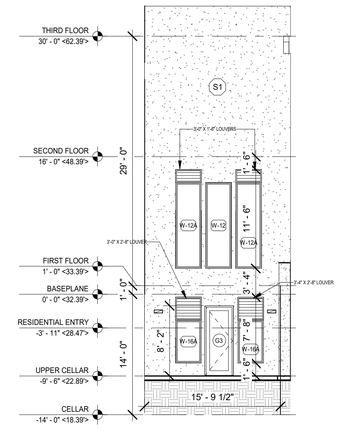
L4 | COURTYARD LOWER ELEVATION

1/8" =1'-0"



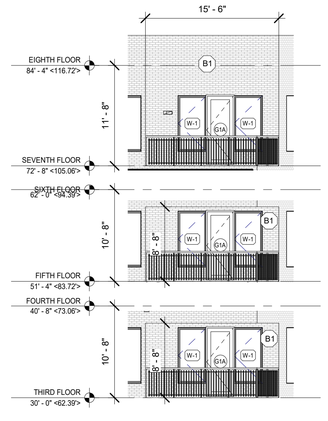
L7 | COURTYARD LOWER ELEVATION

1/8" =1'-0"



K10 | COURTYARD LOWER ELEVATION

1/8" =1'-0"



K13 | CORNER TERRACE ELEVATION

1/8" =1'-0"

WALL MATERIAL			
SYMBOL	MATERIAL	MANUFACTURER	COLOR
B1	BRICK	ARRISCRAFT	50% CHARCOAL, 20% MIDNIGHT GREY, 15% OBSIDIAN, 15% OPAL
T1	TERRA COTTA	TELLING ARGETON	WAVY PATTERN IN SALMON/PASTEL RED
S1	STUCCO	STOCORP	STO 16265

58 VANDERBILT AVENUE

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General Contractor

PREFERRED BUILDERS
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Brooklyn, NY 11205

REVISION TABLE		
NUMBER	DATE	DESCRIPTION

100% CD

PLUMBING
ELECTRICAL
MECHANICAL
STRUCTURAL
ARCHITECTURAL

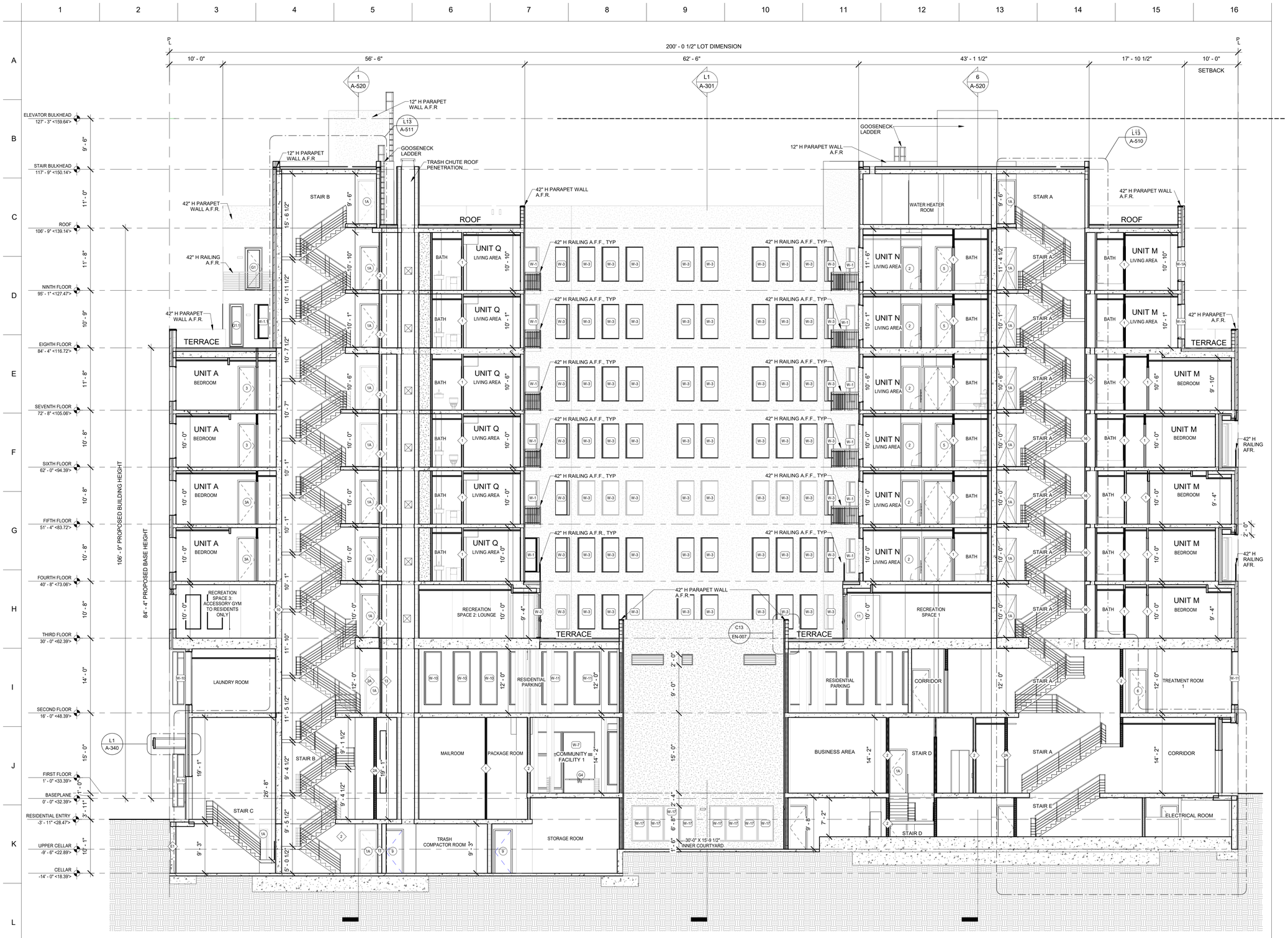
BUILDING ELEVATIONS

DOB JOB #	321595797
BIN #	3428621
DATE	01/26/2021
DRAWN BY	NP
SCALE	AS NOTED

A-204.00

SHEET 56 OF 108

DOB BSCAN STICKER



L1 | LONGITUDINAL SECTION

1/8" =1'-0"

58 VANDERBILT AVENUE

BROOKLYN, NY 11205

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PREFERRED BUILDERS
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REVISION TABLE		
NUMBER	DATE	DESCRIPTION

100% CD

LONGITUDINAL SECTION

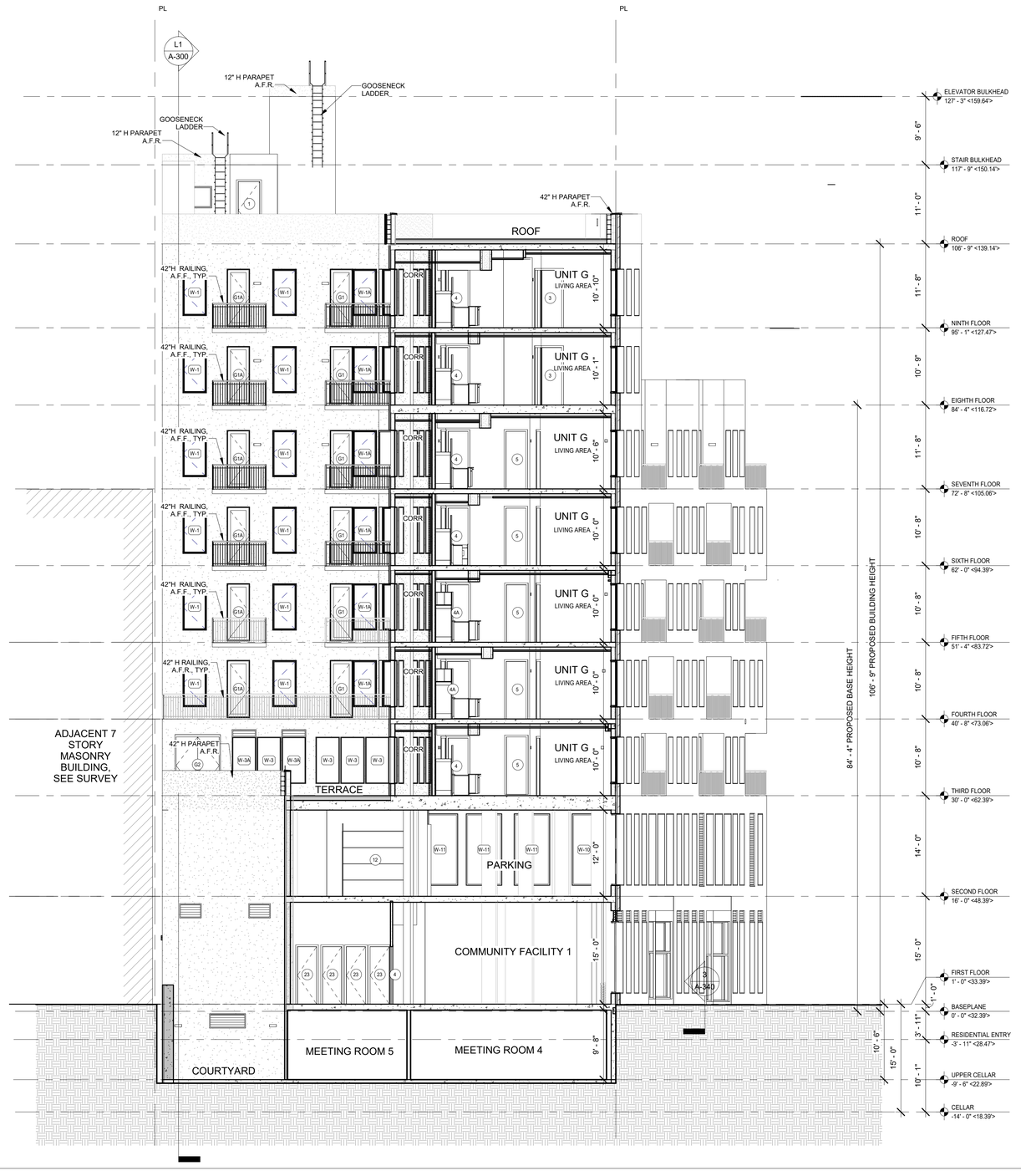
PLUMBING
ELECTRICAL
MECHANICAL
STRUCTURAL
ARCHITECTURAL

DOB JOB #	321595797
BIN #	3428621
DATE	01/26/2021
DRAWN BY	NP
SCALE	AS NOTED

A-300.00

SHEET 57 OF 108

DOB BSCAN STICKER



L1 | CROSS SECTION
1/8" =1'-0"

58 VANDERBILT AVENUE

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PREFERRED BUILDERS
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REVISION TABLE		
NUMBER	DATE	DESCRIPTION

100% CD

CROSS SECTION

DOB JOB #	321595797
BIN #	3428621
DATE	01/26/2021
DRAWN BY	NP
SCALE	AS NOTED

A-301.00

SHEET 58 OF 108

DOB BSCAN STICKER

PLUMBING
ELECTRICAL
MECHANICAL
STRUCTURAL
ARCHITECTURAL

APPENDIX C SOIL BORING AND WELL LOGS

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

205 Park Avenue
Brooklyn, NY

EXPLORATION NO.: SB-1/TW-1
SHEET: 1 of 2
PROJECT NO: 12.0076834.10
REVIEWED BY: Zhan Shu

Logged By: N. Albanese/P. Benya
Drilling Co.: EPhase II
Foreman: C. Hernandez

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 35
Date Start: 1/6/2020 **Finish:** 1/6/2020

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712 DT
Drilling Method: Direct Push

Sampler Type: DP
Sampler O.D. (in.): 2.25
Sampler Length (in.): 60
Rock Core Size:

Groundwater Depth (ft.)			
Date	**Time**	**Water Depth**	**Stab. Time**
1/8/2020		25.72	

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	Field Test Data	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)
	S-1	0.0-2			0	S-1 : Asphalt			ASPHALT	2
					0					
		2.0-2.5			0	Concrete/Brick			FILL	6
		2.5-3			0	Brown fine to medium SAND, trace Silt, trace Gravel.				
		3.0-3.5				Brick/Asphalt				
5	S-2	3.5-4.5			0	Light brown fine to medium SAND, trace Gravel.				
		4.5-6			0	S-2 : Brick				
		6.0-9			0	Brown fine to medium SAND, some Gravel, trace Silt.	1		SAND AND GRAVEL	10
					0					
					0					
		9.0-10			0	Brown fine to medium SAND and GRAVEL.				
10	S-3	10.0-10.5			0	S-3 : Brown fine to medium SAND, some Gravel.			FILL	11
		10.5-11			0	Brick and Gravel, some Asphalt.			SAND AND GRAVEL	15
		11.0-12.5			0	Brown fine to medium SAND, some Gravel and Silt.				
		12.5-13.5			0	Brown fine to medium SAND and GRAVEL, some cobble.				
		13.5-15			0	Light brown fine to medium SAND, trace Gravel.				
15	S-4	15.0-16			0.4	S-4 : Brown fine to medium SAND, some Gravel.	2		FILL	16
		16.0-16.5			0	Brick/Asphalt			SAND	20
		16.5-20			0	Light brown fine to medium SAND, some Gravel.				
					0					
					0					
20	S-5	20.0-21.5			0	S-5 : Brown fine to medium SAND, little Gravel, trace Silt.			FILL	27
					0					
		21.5-27			0	Brown medium to coarse SAND, some Gravel, trace fragments. (moist)				
					0					
					0		3			
25					0					
					0					
	S-6	27.0-30			0.3	S-6 : Brown medium to coarse SAND. (wet @27 ft)			SAND	
					0.2					
					0.1					
30					0.1					

REMARKS

1 - Sample SB-1 (6.5 - 7ft) collected at 08:10
2 - Sample SB-1 (15.5-16 ft) collected at 08:25
3 - GW observed at approximately 27 ft bgs.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SB-1/TW-1

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

205 Park Avenue
Brooklyn, NY

EXPLORATION NO.: SB-1/TW-1
SHEET: 2 of 2
PROJECT NO: 12.0076834.10
REVIEWED BY: Zhan Shu

Logged By: N. Albanese/P. Benya
Drilling Co.: EPhase II
Foreman: C. Hernandez

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 35
Date Start: 1/6/2020 **Finish:** 1/6/2020

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712 DT
Drilling Method: Direct Push

Sampler Type: DP
Sampler O.D. (in.): 2.25
Sampler Length (in.): 60
Rock Core Size:

Groundwater Depth (ft.)

Date	Time	Water Depth	Stab. Time
1/8/2020		25.72	

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	Field Test Data	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)
35	S-7	30.0-35			0.2 0.2 0.2 0.1 0 0 0	S-7 : Brown medium to coarse SAND. (wet)			SAND	35
						End of exploration at 35 feet.	4			
40										
45										
50										
55										
60										

REMARKS

4 - Boring complete to 35 ft bgs.
No odor/staining observed.
TW-1 installed with 0-25 ft pvc riser and 25-35 ft screen.
Sample TW-1 collected at 11:50 for PFAS, 1,4 Dioxane and total Hg metals.
Groundwater

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SB-1/TW-1

GZA TEMPLATE GEOPROBE; 1/31/2020; 4:47:19 PM

GEOPROBE LOG

GZA GeoEnvironmental, Inc. *Engineers and Scientists*	**205 Park Avenue Brooklyn, NY**	**EXPLORATION NO.: SB-10** **SHEET: 1 of 1** **PROJECT NO: 12.0076834.10** **REVIEWED BY: Zhan Shu**

Logged By: N. Albanese/P. Benya **Drilling Co.:** EPhase II **Foreman:** C. Hernandez	**Geoprobe Location:** See Plan **Ground Surface Elev. (ft.):** **Final Geoprobe Depth (ft.):** 20 **Date Start:** 1/6/2020 **Finish:** 1/6/2020	**H. Datum:** **V. Datum:**
Type of Rig: Geoprobe **Rig Model:** 6712 DT **Drilling Method:** Direct Push	**Sampler Type:** DP **Sampler O.D. (in.):** 2.25 **Sampler Length (in.):** 60 **Rock Core Size:**	**Groundwater Depth (ft.)**

Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	Field Test Data	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)
	S-1	0.0-2			0	S-1 : Asphalt/Sub-base			ASPHALT	
					0					2
					0					
		2.0-3			0	Brown fine to medium SAND, little Silt.	1			
		3.0-4			0	Brown SILT, trace fine to medium Sand.			SAND AND SILT	
					0					
		4.0-4.5			0	Brown fine to medium SAND, trace Gravel.				
5	S-2	4.5-5			0	Brown fine to medium SAND, trace Silt, trace Gravel.				
		5.0-5.5			0	S-2 : Brown fine to medium SAND, little Gravel, trace Silt.				5.5
		5.5-5.75			0	Asphalt			FILL	5.75
		5.8-6.25			0	Brown fine to medium SAND, trace Silt, trace Gravel.				
		6.3-6.75			0	Brown fine to medium SAND, trace Gravel.			SAND	
		6.8-8			0	Brown fine to medium SAND, little Gravel.				
10		8.0-9			0	Brown fine to medium SAND, trace Silt, trace Gravel.				
	S-2	9.0-10			0	Brown fine to medium SAND, little Gravel.				10
		10.0-10.25			0	S-2 : Asphalt			FILL	10.25
		10.3-15			0	Brown fine to coarse SAND.				
					0					
					0				SAND	
					0					
15					0					
	S-3	15.0-16			0	S-3 : Brown fine to medium SAND.	2			
		16.0-16.25			0	Asphalt				16
		16.3-19			0	Brown fine to medium SAND.			FILL	16.25
					0					
					0				SAND	
					0					
20	S-4	19.0-20			0	S-4 : Brown medium to coarse SAND, trace Gravel.				
					0					20
						End of exploration at 20 feet.	3			
25										
30										

REMARKS

1 - Sample SB-10 (2 - 2.5 ft) collected at 9:50.
2 - Sample SB-10 (15 - 15.5 ft) collected at 10:00
3 - Boring complete to 20 ft bgs.
No odors/staining observed.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SB-10

GZA TEMPLATE GEOPROBE; 1/31/2020; 4:47:20 PM

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

205 Park Avenue
Brooklyn, NY

EXPLORATION NO.: SB-2
SHEET: 1 of 1
PROJECT NO: 12.0076834.10
REVIEWED BY: Zhan Shu

Logged By: N. Albanese/P. Benya
Drilling Co.: EPhase II
Foreman: C. Hernandez

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 20
Date Start: 1/7/2020 **Finish:** 1/7/2020

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712 DT
Drilling Method: Direct Push

Sampler Type: DP
Sampler O.D. (in.): 2.25
Sampler Length (in.): 60
Rock Core Size:

Groundwater Depth (ft.)			
Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	Field Test Data	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)
		0.0-1			0	Asphalt/Sub-base			ASPHALT	1
		1.0-1.25			0	Tan fine to medium SAND and GRAVEL.				
		1.3-1.5			0	Asphalt				
		1.5-2			0	Asphalt/Cobble				
		2.0-3			0	Brown fine to medium SAND and SILT, trace cobble.	1		FILL	
		3.0-3.5			0	Brick				
5		3.5-5.5			0	Brown SILT, little fine to medium Sand.				
		5.5-5.75			0	Asphalt				6
		5.8-6			0	Brown SILT, little fine to medium Sand.				
		6.0-7			0	Brown fine to medium SAND, trace Gravel.				
		7.0-9			0	Brown fine to medium SAND and GRAVEL.			SAND, GRAVEL AND COBBLE	
					0					
		9.0-9.5			0	Cobble				
10		9.5-10.5			0	Brown fine to medium SAND and GRAVEL.				10.5
		10.5-11			0	Asphalt				
		11.0-12			0	Brown fine to medium SAND, trace Gravel.			FILL	
		12.0-12.5			0	Brown fine to medium SAND and GRAVEL.				12.75
		12.5-12.75			0	Concrete				
		12.8-13			0	Cobbles and Gravel.			SAND, GRAVEL AND COBBLE	
15		13.0-14.5			0	Brown medium to fine SAND, trace Gravel.				
		14.5-15			0	Brown medium to coarse SAND and GRAVEL.				15.5
		15.0-15.5			0	Brown fine to medium SAND, trace Gravel.				16
		15.5-16			0	Asphalt/Gravel	2		FILL	
		16.0-17			0	Brown fine to medium SAND, some Gravel.				
		17.0-18			0	Brown fine to medium SAND, trace Gravel.			SAND	
		18.0-20			0	Brown fine to medium SAND and GRAVEL.				
20					0					20
						End of exploration at 20 feet.	3			
25										
30										

REMARKS

1 - Sample SB-2 (3.5 - 4 ft) collected at 13:45.
2 - Sample SB-2 (16-16.5 ft) collected at 13:50.
3 - Boring complete to 20 ft bgs
No odors to staining observed.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SB-2

GZA TEMPLATE GEOPROBE; 1/31/2020; 4:47:20 PM

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

205 Park Avenue
Brooklyn, NY

EXPLORATION NO.: SB-3
SHEET: 1 of 1
PROJECT NO: 12.0076834.10
REVIEWED BY: Zhan Shu

Logged By: N. Albanese/P. Benya
Drilling Co.: EPhase II
Foreman: C. Hernandez

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 20
Date Start: 1/7/2020 **Finish:** 1/7/2020

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712 DT
Drilling Method: Direct Push

Sampler Type: DP
Sampler O.D. (in.): 2.25
Sampler Length (in.): 60
Rock Core Size:

Groundwater Depth (ft.)			
Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	Field Test Data	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)
	S-1	0.0-1			0	S-1 : Dark brown, fine to medium Sand, little Gravel, trace Silt.			FILL	1
		1.0-2			0	Brick				
		2.0-4.5			0	Concrete and Gravel, some tan, fine to medium Sand.				
					0					
					0					
					0					
5		4.5-5			0	Concrete				
	S-2	5.0-5.5			0	S-2 : Brown medium to coarse SAND, some Gravel, brick				
		5.5-6			0	fragments.				
		6.0-6.25			0	Brown fine to medium SAND, little Gravel.	1			
		6.3-6.75			0	Little brown/gray, fine to medium SAND, some Gravel.				
		6.8-7			0	Brown fine to medium SAND and brick fragments, some				
10		7.0-8			0	Gravel.				
	S-3	8.0-8.5			0	Concrete				
		8.5-9			0	Brown fine to medium SAND, little Silt, trace Gravel.				
		9.0-9.5			0	Brown fine to medium SAND, little Gravel.				
		9.5-10			0	Concrete			SAND, GRAVEL AND COBBLE	
		10.0-11			0	Brown fine to medium SAND and GRAVEL.				
		11.0-11.25			0	Cobble				
15		11.3-12			0	S-3 : Brown medium to fine SAND, some Gravel.				
	S-4	12.0-13			0	Brown fine SAND and SILT.				
		13.0-13.5			0	Brown fine to medium SAND and GRAVEL.		16		
		13.5-14			0	Cobble		16.25	FILL	
		14.0-15			0	Brown fine to coarse SAND and GRAVEL.				
		15.0-16			0	Gravel			SAND, GRAVEL AND COBBLE	
		16.0-16.25			0	Brown fine to coarse SAND and GRAVEL, little cobble.				
20	S-5	16.3-16.5			0	S-4 : Brown fine to medium SAND, some Gravel, little Silt.				20
		16.5-16.75			0	Brown fine to medium SAND and BRICK fragments.	2			
		16.8-18			0	Cobble				
		18.0-19.5			0	Gravel				
		19.5-19.75			0	Brown fine to coarse SAND and GRAVEL, trace Silt.				
		19.8-20				Brown fine to coarse SAND, some Gravel.				
						Brown medium to fine SAND, trace Gravel.				
25						S-5 : Brown fine to coarse SAND, trace Gravel.				
						End of exploration at 20 feet.				
30										

REMARKS

1 - Sample SB-3 (7.7.5 ft) collected at 13:10
2 - Boring complete to 20 ft bgs.
No odors/staining observed.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SB-3

GZA TEMPLATE GEOPROBE; 1/31/2020; 4:47:21 PM

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

205 Park Avenue
Brooklyn, NY

EXPLORATION NO.: SB-4/TW-2
SHEET: 1 of 2
PROJECT NO: 12.0076834.10
REVIEWED BY: Zhan Shu

Logged By: N. Albanese/P. Benya
Drilling Co.: EPhase II
Foreman: C. Hernandez

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 35
Date Start: 1/6/2020 **Finish:** 1/6/2020

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712 DT
Drilling Method: Direct Push

Sampler Type: DP
Sampler O.D. (in.): 2.25
Sampler Length (in.): 60
Rock Core Size:

Groundwater Depth (ft.)

Date	Time	Water Depth	Stab. Time
1/8/2020		25.62	

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	Field Test Data	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)
	S-1	0.0-2			0	S-1 : Asphalt/Concrete mix			Asphalt/Concrete	2
					0					
		2.0-3			0	Brown, fine to medium SAND, some Gravel, trace Silt, brick fragments.			FILL	3
		3.0-5			0	Brown SILT, little Gravel, trace fine to medium Sand.	1			
					0					
5	S-2	5.0-8			0	S-2 : Brown, fine to medium SAND, trace Gravel.				
					0					
					0				SILT AND SAND	
		8.0-10.5			0	Brown, fine to medium SAND, some Gravel, shale rock fragments.				
					0					
10					0					10.5
	S-3	10.5-11			0	S-3 : Concrete and brick				
		11.0-11.5			0	Brown, fine to medium SAND and GRAVEL, trace Gravel.				
		11.5-12			0	Brick				
		12.0-15			0	Brown, fine to medium SAND and GRAVEL, with concrete fragments (fill) and coal slag.			FILL	
					0					
15										15
	S-4	15.0-16			0	S-4 : Brown, medium to coarse SAND and GRAVEL.	2			
		16.0-16.5			0	Gravel.				
		16.5-19			0	Brown, medium to coarse SAND and GRAVEL.				
					0					
		19.0-20			0	Brown, medium to coarse SAND, little Gravel, moist at 20 feet.				
20	S-5	20.0-21.5			0	S-5 : Brown, fine to medium SAND, little Gravel.				
					0					
		21.5-24			0	Brown, medium to coarse SAND and GRAVEL.				
					0				SAND AND GRAVEL	
					0					
25	S-6	24.0-25			0	S-6 : Brown, medium to coarse SAND, some Gravel. (wet at 25 ft)	3			
					0					
					0					
					0					
					0					
					0					
30					0					

REMARKS

1 - Sample SB-4 (3-3.5 ft) collected at 08:55
2 - Sample SB-4 (15-15.5 ft) collected at 10:05
3 - Moist at 24 to 25 feet. Wet at 25 feet.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SB-4/TW-2

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

205 Park Avenue
Brooklyn, NY

EXPLORATION NO.: SB-4/TW-2
SHEET: 2 of 2
PROJECT NO: 12.0076834.10
REVIEWED BY: Zhan Shu

Logged By: N. Albanese/P. Benya
Drilling Co.: EPhase II
Foreman: C. Hernandez

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 35
Date Start: 1/6/2020 **Finish:** 1/6/2020

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712 DT
Drilling Method: Direct Push

Sampler Type: DP
Sampler O.D. (in.): 2.25
Sampler Length (in.): 60
Rock Core Size:

Groundwater Depth (ft.)

Date	Time	Water Depth	Stab. Time
1/8/2020		25.62	

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	Field Test Data	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)
	S-7	30.0-33			0 0 0 0	S-7 : Brown, fine to coarse SAND, trace Gravel.			SAND AND GRAVEL	
		33.0-34			0	Brown, coarse SAND.				
35		34.0-35			0 0	Brown, fine to coarse SAND, trace Gravel.				35
						End of exploration at 35 feet.	4			
40										
45										
50										
55										
60										

REMARKS

4 - End of boring at 35 feet bgs.
No odor/staining observed.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SB-4/TW-2

GZA TEMPLATE GEOPROBE; 1/31/2020; 4:47:22 PM

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

205 Park Avenue
Brooklyn, NY

EXPLORATION NO.: SB-5A
SHEET: 1 of 1
PROJECT NO: 12.0076834.10
REVIEWED BY: Zhan Shu

Logged By: N. Albanese/P. Benya
Drilling Co.: EPhase II
Foreman: C. Hernandez

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 5
Date Start: 1/6/2020 **Finish:** 1/6/2020

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712 DT
Drilling Method: Direct Push

Sampler Type: DP
Sampler O.D. (in.): 2.25
Sampler Length (in.): 60
Rock Core Size:

Groundwater Depth (ft.)			
Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	Field Test Data	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)
	S-1	0.0-1			0	S-1 : Brown, fine to medium SAND and GRAVEL, little Silt.				
		1.0-2			0	Concrete				
		2.0-2.5			0	Brick			FILL	
		2.5-3			0	Brown, fine to medium SAND and GRAVEL, little Silt.				
		3.0-3.5			0	Concrete				
	S-2	3.5-4				Little brown, fine to medium SAND and GRAVEL, little Silt.				
5		4.0-5				S-2 : Concrete	1			5
						End of exploration at 5 feet.				
10										
15										
20										
25										
30										

REMARKS

1 - Refusal at 5 ft bgs
No odor/staining observed.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SB-5A

GZA TEMPLATE GEOPROBE; 1/31/2020; 4:47:23 PM

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

205 Park Avenue
Brooklyn, NY

EXPLORATION NO.: SB-5B
SHEET: 1 of 1
PROJECT NO: 12.0076834.10
REVIEWED BY: Zhan Shu

Logged By: N. Albanese/P. Benya
Drilling Co.: EPhase II
Foreman: C. Hernandez

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 9.5
Date Start: 1/6/2020 **Finish:** 1/6/2020

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712 DT
Drilling Method: Direct Push

Sampler Type: DP
Sampler O.D. (in.): 2.25
Sampler Length (in.): 60
Rock Core Size:

Groundwater Depth (ft.)			
Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	Field Test Data	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)
	S-1	0.0-1			0	S-1 : Brown, fine to medium SAND and GRAVEL, little Silt.				
		1.0-2			0	Concrete				
		2.0-2.5			0	Brick				
		2.5-3			0	Brown, fine to medium SAND and GRAVEL, little Silt.			FILL	
		3.0-3.5			0	Concrete				
5		3.5-4			0	Little brown, fine to medium SAND and GRAVEL, little Silt.				5.25
	S-2	4.0-5			0	Concrete				
		5.0-5.25			0	S-2 : Concrete				
		5.3-5.75			0	Brown, fine to medium SAND, little Gravel, trace Silt.			SAND, GRAVEL, GRAVEL, ORGANIC MATERIALS AND SHALE FRAGMENTS	
		5.8-6			0	Organic material, wood fragments.				
		6.0-9			0	Brown, fine to medium SAND, little Gravel, trace Silt.				
		9.0-9.25			0	Shale rock fragments.				9.5
10	S-3	9.3-9.5				S-3 : Brown, fine to medium SAND, little Gravel, trace Silt.	1			
						End of exploration at 9.5 feet.				
15										
20										
25										
30										

REMARKS

1 - Refusal at 9.5 ft bgs
No odor/staining observed.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SB-5B

GZA TEMPLATE GEOPROBE; 1/31/2020; 4:47:23 PM

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

205 Park Avenue
Brooklyn, NY

EXPLORATION NO.: SB-5C/TW-3
SHEET: 1 of 2
PROJECT NO: 12.0076834.10
REVIEWED BY: Zhan Shu

Logged By: N. Albanese/P. Benya
Drilling Co.: EPhase II
Foreman: C. Hernandez

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 35
Date Start: 1/6/2020 **Finish:** 1/6/2020

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712 DT
Drilling Method: Direct Push

Sampler Type: DP
Sampler O.D. (in.): 2.25
Sampler Length (in.): 60
Rock Core Size:

Groundwater Depth (ft.)

Date	Time	Water Depth	Stab. Time
1/8/2020		25.37	

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	Field Test Data	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)
	S-1	0.0-1			0	S-1 : Brown fine to medium SAND and GRAVEL, little Silt.				
		1.0-2			0	Concrete				
		2.0-2.5			0	Brick				
		2.5-3			0	Brown fine to medium SAND and GRAVEL, little Silt.			FILL	
		3.0-3.5			0	Concrete				
5		3.5-4			0	Light brown fine to medium SAND and GRAVEL, little Silt.				
	S-2	4.0-5			0	Concrete				5.5
		5.0-5.5			0	S-2 : Concrete	1			
		5.5-6.5			0	Brown fine to medium SAND, trace Gravel.				
		6.5-10			0	Brown fine to medium SAND, little Silt, little Gravel.				
					0					
10					0					
	S-3	10.0-11.5			0	S-3 : Brown fine to medium SAND and SILT, some Gravel.				
					0				SAND, SILT, GRAVEL AND SHALE FRAGMENTS	
		11.5-11.75			0	Shale rock fragments				
		11.8-15			0	Brown fine to medium SAND, trace Silt, trace Gravel (moist at 11.75)				
					0					
15					0					
	S-4	15.0-16			0	S-4 : Brown fine to medium SAND and GRAVEL.				
		16.0-16.5			0	Gravel	2			
		16.5-17			0	Brown medium to coarse SAND and GRAVEL, trace Silt.				17
		17.0-17.25			0	Brick			FILL	17.25
		17.3-19			0	Brown medium to coarse SAND and GRAVEL, trace Silt.				
		19.0-19.5			0	Brown medium to fine SAND.				
20	S-5	19.5-19.75			5.7	Shale rock fragments.				
		19.8-20			1.2	Brown medium to coarse SAND, trace Silt, trace Gravel.				
		20.0-22			1.4	S-5 : Brown fine to medium SAND, little Gravel, trace				
		22.0-24			0.9	Light brown medium to coarse SAND, some Gravel.				
					3.2				SAND, GRAVEL AND SHALE FRAGMENTS	
		24.0-25			1.6					
25					4.0	Light brown medium to coarse Sand, trace Gravel. (moist at 24 ft)	3			
		25.0-27.5			2.8	Brown medium to coarse SAND.				
					1.7					
					2.5					
		27.5-28			4.3	Brown coarse SAND and GRAVEL.				
		28.0-30			1.0	Brown coarse SAND, trace Gravel.				
30					0.7					

REMARKS

1 - Sample SB-5 (5.5-6 ft) collected at 11:35
2 - Sample SB-5 (15.5-16 ft) collected at 11:40.
3 - Moist at 24 to 25 feet. Wet at 25 feet.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SB-5C/TW-3

GZA TEMPLATE GEOPROBE; 1/31/2020; 4:47:24 PM

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

205 Park Avenue
Brooklyn, NY

EXPLORATION NO.: SB-5C/TW-3
SHEET: 2 of 2
PROJECT NO: 12.0076834.10
REVIEWED BY: Zhan Shu

Logged By: N. Albanese/P. Benya
Drilling Co.: EPhase II
Foreman: C. Hernandez

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 35
Date Start: 1/6/2020 **Finish:** 1/6/2020

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712 DT
Drilling Method: Direct Push

Sampler Type: DP
Sampler O.D. (in.): 2.25
Sampler Length (in.): 60
Rock Core Size:

Groundwater Depth (ft.)

Date	Time	Water Depth	Stab. Time
1/8/2020		25.37	

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	Field Test Data	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)
	S-6	30.0-30.5			1.1	S-6 : Dark brown fine to medium SAND, some Gravel.				
		30.5-31			1.0	Light brown fine to medium SAND, trace Gravel.				
		31.0-33			0.4	Brown medium to coarse SAND, some Gravel.			SAND, GRAVEL AND SHALE FRAGMENTS	
					0.3					
		33.0-35			0.7	Brown medium to coarse SAND, little Gravel.				
					1.0					
35					0.2		4			35
					0.3	End of exploration at 35 feet.	5			
					0.5					
					0.9					
					0.5					
					0.6					
40					0.7					
					0.2					
					0.2					
					0.1					
					0.1					
45										
50										
55										
60										

REMARKS

4 - TW-5 installed to 35 ft with PVC riser (0-25 ft) and screen (25-35 ft).
5 - End of boring at 35 feet bgs.
No odor/staining observed.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SB-5C/TW-3

GZA TEMPLATE GEOPROBE; 1/31/2020; 4:47:24 PM

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

205 Park Avenue
Brooklyn, NY

EXPLORATION NO.: SB-6
SHEET: 1 of 1
PROJECT NO: 12.0076834.10
REVIEWED BY: Zhan Shu

Logged By: N. Albanese/P. Benya
Drilling Co.: EPhase II
Foreman: C. Hernandez

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 20
Date Start: 1/7/2020 **Finish:** 1/7/2020

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712 DT
Drilling Method: Direct Push

Sampler Type: DP
Sampler O.D. (in.): 2.25
Sampler Length (in.): 60
Rock Core Size:

Groundwater Depth (ft.)			
Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	Field Test Data	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)
	S-1	0.0-1.5			0	S-1 : Asphalt			ASPHALT	1.5
					0					
		1.5-2			0	Brown fine to medium SAND and SILT, Gravel, little Asphalt.				
		2.0-4.5			0	Brown fine to medium SAND and SILT, trace Gravel, little			SAND, SILT, GRAVEL, AND SHALE FRAGMENTS	
					0	Asphalt.				
					0					
5		4.5-5			0	SHALE and GRAVEL, little brown, little Silt, fine to medium				5.25
	S-2	5.0-5.25			0	Sand.				5.5
		5.3-5.5			0	S-2 : Brown fine to medium SAND and SILT, little Gravel.	1		FILL	
		5.5-8			0	Asphalt				
					0	Brown fine to medium SAND, little Silt, little Gravel.			SAND AND GRAVEL	
		8.0-9			0	Brown fine to medium SAND, trace Silt, some Gravel.				
		9.0-10			0	Gravel with little brown, fine to medium Sand.				10
10	S-3	10.0-10.5			0	S-3 : GRAVEL and ASPHALT mix with some fine to medium			FILL	10.5
		10.5-11.5			0	brown Sand.				
		11.5-13			0	Brown medium to coarse SAND, trace Silt.				
					0	Brown medium to coarse SAND some Gravel, trace Silt.				
		13.0-15			0	Light brown medium to coarse SAND.			SAND	
					0					
15					0					
	S-4	15.0-16			0	S-4 : Light brown medium to coarse SAND, trace Gravel, trace			FILL	16
		16.0-20			0	asphalt.	2			
					0	Light brown medium to coarse SAND.				
					0					
					0				SAND	
					0					
20					0					20
						End of exploration at 20 feet.	3			
25										
30										

REMARKS

1 - Sample SB-6 (5.5 - 6 ft) collected at 11:55
2 - Sample SB-6 (15.5-16 ft) collected at 12:00
3 - Boring complete to 20 ft bgs.
No odors/staining observed.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SB-6

GZA TEMPLATE GEOPROBE; 1/31/2020; 4:47:25 PM

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

205 Park Avenue
Brooklyn, NY

EXPLORATION NO.: SB-7
SHEET: 1 of 1
PROJECT NO: 12.0076834.10
REVIEWED BY: Zhan Shu

Logged By: N. Albanese/P. Benya
Drilling Co.: EPhase II
Foreman: C. Hernandez

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 20
Date Start: 1/7/2020 **Finish:** 1/7/2020

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712 DT
Drilling Method: Direct Push

Sampler Type: DP
Sampler O.D. (in.): 2.25
Sampler Length (in.): 60
Rock Core Size:

Groundwater Depth (ft.)			
Date	Time	Water Depth	Stab. Time

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	Field Test Data	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)
	S-1	0.0-1			0	S-1 : Dark brown SILT and brick fragments.				
		1.0-1.5			0	Light tan fine to medium SAND and GRAVEL.				
		1.5-2.5			0	GRAVEL and BRICK.			FILL	
		2.5-3.5			0	CONCRETE and GRAVEL.				
		3.5-4			0	Dark brown SILT, some fine to medium Sand, little asphalt.				4
5		4.0-5.5			0	Brown fine to medium SAND, some Silt.				
	S-2	5.5-6			0	S-2 : Gray fine to medium SAND and GRAVEL.	1		SAND, GRAVEL, AND SHALE FRAGMENTS	
		6.0-7.5			0	Brown fine to medium SAND, little Gravel.				
		7.5-8			0	Gravel and shale fragments, little brown, fine to medium Sand.				8
		8.0-10			0	Brick, shale, asphalt, concrete mix, some brown, fine to medium Sand, trace Silt.			FILL	
10					0					10
	S-3	10.0-10.5			0	S-3 : Dark brown medium to coarse SAND and SILT, little Gravel.				
		10.5-12			0	Brown fine to medium SAND and GRAVEL, some asphalt.			SAND, SILT, GRAVEL AND SHALE FRAGMENTS	
		12.0-13.5			0	Reddish shale fragments, little Gravel, trace fine to medium Sand.				13.5
		13.5-15			0	Gravel, little brick fragments, trace brown, fine to medium Sand.			FILL	
15					0					15
	S-4	15.0-16			0	S-4 : Brown medium to coarse SAND, some Silt, little Gravel.	2			
		16.0-16.5			0	Gravel with trace light brown Sand, fine to medium.				
		16.5-17.5			0	Cobble, little gravel.			SAND, GRAVEL, AND COBBLE	
		17.5-18			0	Gravel				
	S-5	18.0-20			0	S-5 : Light gray medium to coarse SAND, some Gravel.				
20					0					20
						End of exploration at 20 feet.	3			
25										
30										

REMARKS

1 - Sample SB-6 (6 - 6.5 ft) collected at 10:40.
2 - Sample SB-6 (15 - 15.5 ft) collected at 10:50
3 - Boring complete to 20 ft bgs.
No odors/staining observed.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SB-7

GZA TEMPLATE GEOPROBE; 1/31/2020; 4:47:26 PM

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

205 Park Avenue
Brooklyn, NY

EXPLORATION NO.: SB-8/TW-4
SHEET: 1 of 2
PROJECT NO: 12.0076834.10
REVIEWED BY: Zhan Shu

Logged By: N. Albanese/P. Benya
Drilling Co.: EPhase II
Foreman: C. Hernandez

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 30
Date Start: 1/6/2020 **Finish:** 1/6/2020

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712 DT
Drilling Method: Direct Push

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)			
Date	Time	Water Depth	Stab. Time
1/8/2020		24.79	

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	Field Test Data	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)
	S-1	0.0-1			0.1	S-1 : Brown fine to medium SAND and GRAVEL.				
		1.0-2			0.4	Brown fine to medium SAND and GRAVEL with some asphalt mix.				
		2.0-3			0.4	Gravel with shale fragments.			FILL	
		3.0-4			0.6	Brown fine to medium SAND and GRAVEL.				
		4.0-4.5			0.4	Brick and asphalt mix.				4.5
5					0.1					
	S-2	4.5-5			0.1	Brown fine to medium SAND, little Silt, trace Gravel.				
		5.0-10			0.2	S-2 : Brown fine to coarse SAND, little Silt, trace Gravel.	1			
					0.1					
					0					
					0					
					0					
					0					
10					0					
		10.0-10.5			0	Brown SILT and fine to medium SAND, trace Gravel.				
		10.5-10.75			0	Shale				
		10.8-13			0	Brown fine to medium SAND, some SIlt, little Gravel.				
					0					
		13.0-15			0	Brown fine to coarse SAND.				
					0					
15					0					
	S-3	15.0-16.5			0	S-3 : Brown medium to coarse SAND, some Gravel.	2			
					0					
		16.5-17			0	Brown medium to coarse SAND and GRAVEL.				
		17.0-18				Brown fine to medium SAND.			SAND AND SILT	
		18.0-18.5			0	Brown medium to coarse SAND, some Gravel.				
	S-4	18.5-19			0	Brown medium to coarse SAND and GRAVEL.				
20		19.0-20				S-4 : Brown medium to coarse SAND, trace Gravel.				
		20.0-21			0	Brown fine to medium SAND, trace Gravel.				
		21.0-23			0	Light brown medium to coarse SAND, trace Gravel.				
					0					
		23.0-24			0	Brown medium to coarse SAND, some Gravel.				
		24.0-25			0	Brown medium to coarse SAND, little Gravel.	3			
25		25.0-26			0	Brown fine to medium SAND, trace Gravel. (wet at 25 ft)				
		26.0-30			0	Brown, medium to coarse Sand, trace Gravel.				
					0					
					0					
					0					
30										

REMARKS

1 - Sample SB-5 (5.5-6 ft) collected at 14:20
2 - Sample SB-5 (15.5-16 ft) collected at 14:35.
3 - Moist at 24 to 25 feet. Wet at 25 feet.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SB-8/TW-4

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

205 Park Avenue
Brooklyn, NY

EXPLORATION NO.: SB-8/TW-4
SHEET: 2 of 2
PROJECT NO: 12.0076834.10
REVIEWED BY: Zhan Shu

Logged By: N. Albanese/P. Benya
Drilling Co.: EPhase II
Foreman: C. Hernandez

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 30
Date Start: 1/6/2020 **Finish:** 1/6/2020

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712 DT
Drilling Method: Direct Push

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)			
Date	**Time**	**Water Depth**	**Stab. Time**
1/8/2020		24.79	

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	Field Test Data	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)
	S-5	30.0-32			0	S-5 : Brown medium to coarse SAND, trace Gravel.				
		32.0-33			0	Brown coarse SAND.			SAND AND SILT	
		33.0-34			0	Brown medium to coarse SAND, trace Gravel.				
35		34.0-35			0	Brown coarse Sand.				35
					0	End of exploration at 30 feet.	4 5			
40										
45										
50										
55										
60										

REMARKS

4 - TW-8 installed to 35 ft with PVC riser (0-25 ft) and screen (25-35 ft).
5 - End of boring at 35 feet bgs.
No odor/staining observed.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SB-8/TW-4

GZA TEMPLATE GEOPROBE; 1/31/2020; 4:47:27 PM

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

205 Park Avenue
Brooklyn, NY

EXPLORATION NO.: SB-9/TW-5
SHEET: 1 of 2
PROJECT NO: 12.0076834.10
REVIEWED BY: Zhan Shu

Logged By: N. Albanese/P. Benya
Drilling Co.: EPhase II
Foreman: C. Hernandez

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 35
Date Start: 1/6/2020 **Finish:** 1/6/2020

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712 DT
Drilling Method: Direct Push

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)

Date	Time	Water Depth	Stab. Time
1/8/2020		25.74	

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	Field Test Data	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)
	S-1	0.0-2			0	S-1 : Asphalt/Sub-base			ASPHALT	
					0					2
		2.0-2.5			0	Light brown fine SAND and GRAVEL, little Asphalt. (Fill)				
		2.5-3			0	Brick				
		3.0-3.5				Light brown fine SAND, little brick, trace Asphalt, trace Gravel.			FILL	
5		3.5-4.5			0	(Fill)				
		4.5-5.5			0	Brown fine to medium SAND, trace Silt, trace Gravel.				
	S-2	5.5-6			0	Brown fine to medium SAND, little Silt, trace Gravel.	1			6
		6.0-8				S-2 : Asphalt				
					0	Brown fine to medium SAND, little Silt, trace Gravel.				
		8.0-9.5			0	Brown medium to coarse SAND, little Gravel.				
					0					
10		9.5-10.5				Brown fine to medium SAND, trace Silt, trace Gravel.				
					0					
	S-3	10.5-11				S-3 : Gravel			SAND AND GRAVEL	
		11.0-12			0	Brown fine to medium SAND.				
		12.0-14.5			0	Brown fine to medium SAND and GRAVEL.				
					0					
					0					
15		14.5-15				Brown fine to medium SAND.				
	S-4	15.0-15.5			0	S-4 : Brown fine to medium SAND, some Silt, trace Gravel.				15.5
		15.5-16			0	Asphalt	2		FILL	16
		16.0-16.5			0	Brown medium to coarse SAND and GRAVEl.				
		16.5-17				Cobble				
		17.0-18			0	Brown fine to coarse SAND, trace Gravel.				
		18.0-19			0	Brown fine to coarse SAND and GRAVEL.				
20		19.0-20				Brown fine to carse SAND, trace Gravel.				
	S-5	20.0-21			0	S-5 : Brown medium to coarse SAND, trace Gravel.				
		21.0-22				Gravel				
		22.0-23			0	Brown medium to coarse SAND, trace Gravel.				
		23.0-24			0	Brown medium to coarse SAND and GRAVEL.			SAND, GRAVEL, AND COBBLE	
		24.0-25			0	Cobble, light brown, fine to medium Sand, trace Gravel.	3			
25	S-6	25.0-30			0	S-6 : Brown fine to coarse SAND, trace Gravel. (wet at 25 ft)				
					0					
					0					
					0					
					0					
30					0					

REMARKS

1 - Sample SB-5 (5.5-6 ft) collected at 14:20
2 - Sample SB-5 (15.5-16 ft) collected at 14:35.
3 - Moist at 24 to 25 feet. Wet at 25 feet.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SB-9/TW-5

GZA TEMPLATE GEOPROBE; 1/31/2020; 4:47:28 PM

GEOPROBE LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

205 Park Avenue
Brooklyn, NY

EXPLORATION NO.: SB-9/TW-5
SHEET: 2 of 2
PROJECT NO: 12.0076834.10
REVIEWED BY: Zhan Shu

Logged By: N. Albanese/P. Benya
Drilling Co.: EPhase II
Foreman: C. Hernandez

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 35
Date Start: 1/6/2020 **Finish:** 1/6/2020

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712 DT
Drilling Method: Direct Push

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)			
Date	**Time**	**Water Depth**	**Stab. Time**
1/8/2020		25.74	

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in)	Rec. (in)	Field Test Data	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)
					0				SAND, GRAVEL, AND COBBLE	
					0					
					0					
					0					
					0					
					0					
35					0		4			35
						End of exploration at 35 feet.	5			
40										
45										
50										
55										
60										

REMARKS

4 - TW-8 installed to 35 ft with PVC riser (0-25 ft) and screen (25-35 ft).
5 - End of boring at 35 feet bgs.
No odor/staining observed.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SB-9/TW-5

GZA TEMPLATE GEOPROBE; 1/31/2020; 4:47:28 PM

MONITORING WELL LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Preferred Builders
205 Park Avenue Rl
205 Park Avenue, Brooklyn, NY

EXPLORATION NO.: MW-4
SHEET: 1 of 2
PROJECT NO: 12.0076834.00
REVIEWED BY:

Logged By: Z. Shu
Drilling Co.: EPhase2
Foreman: L. Reiss

Geoprobe Location: See Plan
Ground Surface Elev. (ft.): 30.04
Final Geoprobe Depth (ft.): 35
Date Start - Finish: 6/22/2021 - 6/22/2021

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)

Date	Time	Stab. Time	Water	Casing
06/22/2021	01:25 PM		25.26	

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in.)	Rec. (in.)	PID (ppm)	Sample Description Modified Burmister	Remark
		0.0-5.0	60	36		0-1'6": Brown F-M COBBLES.	1
						1'6"-5': Brown F SAND.	
		5.0-10.0	60	24		5'-10': Brown F SAND.	
		10.0-15.0	60			10'-15': Brown F SAND.	
		15.0-20.0	60			15'-20': Brown F SAND.	

Elev. (ft.) | Stratum Description | Depth (ft.)

COBBLES — 1.5
SAND — 5
SAND — 10
SAND — 15
SAND — 20

Equipment Installed: 0.010" PVC Riser

REMARKS

1 - No Soil Sample Collected.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

MW-4

GZA TEMPLATE GEOPROBE W/EQUIP: 7/13/2021; 11:08:51 AM

MONITORING WELL LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Preferred Builders
205 Park Avenue Rl
205 Park Avenue, Brooklyn, NY

EXPLORATION NO.: MW-4
SHEET: 2 of 2
PROJECT NO: 12.0076834.00
REVIEWED BY:

Logged By: Z. Shu
Drilling Co.: EPhase2
Foreman: L. Reiss

Geoprobe Location: See Plan
Ground Surface Elev. (ft.): 30.04
Final Geoprobe Depth (ft.): 35
Date Start - Finish: 6/22/2021 - 6/22/2021

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)

Date	Time	Stab. Time	Water	Casing
06/22/2021	01:25 PM		25.26	

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in.)	Rec. (in.)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)	Equipment Installed
22		20.0-25.0	60			20'-25': Brown F SAND.			SAND		
24											
26		25.0-30.0	60			25'-30': Brown F SAND and GRAVEL.			SAND AND GRAVEL		
28											
30		30.0-35.0	60			30'-35': Brown F SAND and GRAVEL, no odor.			SAND AND GRAVEL		0.010" PVC Screen, Sand Pack
32											
34											
36						End of exploration at 35 feet.	2				
38											
40											

REMARKS

2 - End of boring at 35' bgs.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

MW-4

GZA TEMPLATE GEOPROBE W/EQUIP; 7/13/2021; 11:08:51 AM

MONITORING WELL LOG

GZA GeoEnvironmental, Inc. *Engineers and Scientists*	**Preferred Builders** **205 Park Avenue Rl** **205 Park Avenue, Brooklyn, NY**	**EXPLORATION NO.: MW-5** **SHEET: 1 of 2** **PROJECT NO: 12.0076834.00** **REVIEWED BY:**

Logged By: **Drilling Co.:** EPhase2 **Foreman:** L. Reiss	**Geoprobe Location:** See Plan **Ground Surface Elev. (ft.):** 34.10 **Final Geoprobe Depth (ft.):** 40 **Date Start - Finish:** 6/15/2021 - 6/15/2021	**H. Datum:** **V. Datum:**
Type of Rig: Geoprobe **Rig Model:** 6712DT **Drilling Method:** Direct Push	**Sampler Type:** SS **Sampler O.D. (in.):** 2.0 **Sampler Length (in.):** 24 **Rock Core Size:**	

Groundwater Depth (ft.)

Date	Time	Stab. Time	Water	Casing
06/22/2021	01:55 PM		29.3	

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in.)	Rec. (in.)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft)	Equipment Installed
0		0.0-5.0	60				1				
2											
4											
6		5.0-10.0	60								
8											
10		10.0-15.0	60								
12											
14											
16		15.0-20.0	60								0.010" PVC Riser
18											
20											

REMARKS

1 - No Soil Sample Collected.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

MW-5

GZA TEMPLATE GEOPROBE W/EQUIP; 7/30/2021; 12:47:23 PM

MONITORING WELL LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Preferred Builders
205 Park Avenue Rl
205 Park Avenue, Brooklyn, NY

EXPLORATION NO.: MW-5
SHEET: 2 of 2
PROJECT NO: 12.0076834.00
REVIEWED BY:

Logged By:
Drilling Co.: EPhase2
Foreman: L. Reiss

Geoprobe Location: See Plan
Ground Surface Elev. (ft.): 34.10
Final Geoprobe Depth (ft.): 40
Date Start - Finish: 6/15/2021 - 6/15/2021

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)

Date	Time	Stab. Time	Water	Casing
06/22/2021	01:55 PM		29.3	

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in.)	Rec. (in.)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)	Equipment Installed
20		20.0-25.0	60								
22											
24											
25		25.0-30.0	60								
26											
28											
30		30.0-35.0	60								
32											
34											
35		35.0-40.0	60				2				0.010" PVC Screen, Sand Pack
36											
38											
40							3				

REMARKS

2 - Boring not logged due to EPhase2 drilling straight down to 40' bgs.
3 - End of boring at 40' bgs.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

MW-5

GZA TEMPLATE GEOPROBE W/EQUIP; 7/30/2021; 12:47:23 PM

MONITORING WELL LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Preferred Builders
205 Park Avenue Rl
205 Park Avenue, Brooklyn, NY

EXPLORATION NO.: MW-6
SHEET: 1 of 2
PROJECT NO: 12.0076834.00
REVIEWED BY:

Logged By:
Drilling Co.: EPhase2
Foreman: L. Reiss

Geoprobe Location: See Plan
Ground Surface Elev. (ft.): 28.78
Final Geoprobe Depth (ft.): 35
Date Start - Finish: 6/15/2021 - 6/15/2021

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)

Date	Time	Stab. Time	Water	Casing
06/22/2021	09:05 AM		23.95	

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in.)	Rec. (in.)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)	Equipment Installed
0		0.0-5.0	60				1				
2											
4											
6		5.0-10.0	60								
8											
10		10.0-15.0	60								
12											0.010" PVC Riser
14											
16		15.0-20.0	60								
18											
20											

REMARKS

1 - No Soil Sample Collected.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

MW-6

GZA TEMPLATE GEOPROBE W/EQUIP: 7/15/2021; 8:44:02 AM

MONITORING WELL LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Preferred Builders
205 Park Avenue Rl
205 Park Avenue, Brooklyn, NY

EXPLORATION NO.: MW-6
SHEET: 2 of 2
PROJECT NO: 12.0076834.00
REVIEWED BY:

Logged By:
Drilling Co.: EPhase2
Foreman: L. Reiss

Geoprobe Location: See Plan
Ground Surface Elev. (ft.): 28.78
Final Geoprobe Depth (ft.): 35
Date Start - Finish: 6/15/2021 - 6/15/2021

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)

Date	Time	Stab. Time	Water	Casing
06/22/2021	09:05 AM		23.95	

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in.)	Rec. (in.)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)	Equipment Installed
22		20.0-25.0	60								
24											
26		25.0-30.0	60								
28											
30		30.0-35.0	60								0.010" PVC Screen
32											Sand Pack
34							2				
36							3				
38											
40											

REMARKS

2 - Boring not logged due to EPhase2 drilling straight down to 35' bgs.
3 - End of boring at 35' bgs.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

MW-6

GZA TEMPLATE GEOPROBE W/EQUIP; 7/15/2021; 8:44:02 AM

MONITORING WELL LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Preferred Builders
205 Park Avenue Rl
205 Park Avenue, Brooklyn, NY

EXPLORATION NO.: SRI-1/MW-1
SHEET: 1 of 2
PROJECT NO: 12.0076834.00
REVIEWED BY:

Logged By: C. McGuffy
Drilling Co.: EPhase2
Foreman: L. Reiss

Geoprobe Location: See Plan
Ground Surface Elev. (ft.): 29.69
Final Geoprobe Depth (ft.): 35
Date Start - Finish: 6/15/2021 - 6/15/2021

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)

Date	Time	Stab. Time	Water	Casing
06/18/2021	02:20 PM		24.76	

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in.)	Rec. (in.)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)	Equipment Installed
0		0.0-5.0	60	49	0.0	0-2'3": FILL (Brown/grey F-M Sand, some C Sand and F Gravel, brick, asphalt, and concrete), no odor.			FILL		
2					0.0					2.25	
					0.0	2'3"-5': Brown F-M SAND, some C Sand, some F Gravel, no odor.	1		SAND		
4					0.0						
					0.0					5	
		5.0-10.0	60	29	0.0	5'-10': Brown F-M SAND, some C Sand, trace F gravel, no odor.					
6					0.0						
					0.0						
					0.0				SAND		
8					0.0						
					0.0						
					0.0						
					0.0						
10					0.0					10	
		10.0-15.0	60	17	0.0	10'-15': FILL (Asphalt, F-C Gravel, Concrete fragments).					
					0.0						
					0.0						
12					0.0				FILL		0.010" PVC Riser
					0.0						
					0.0						
					0.0						
14					0.0						
					0.0						
					0.0					15	
		15.0-20.0	60	42	0.0	15'-16': FILL (Brown F-M Sand, trace brick and asphalt), no odor.			FILL		
16					0.0					16	
					0.0	16'-17'6": FILL (Grey F-M Sand, some C Sand, some Concrete fragments, trace brick), no odor.			FILL		
					0.0						
					0.0					17.5	
18					0.0	17'6"-17'7": Green F SAND, no odor.			SAND	17.58	
					0.0	17'7"-18'6": Brown F-M SAND, no odor.			SAND	18.5	
					0.0	18'6"-20': Brown F-M SAND, some C Sand.					
					0.0				SAND		
20					0.0					20	

REMARKS

1 - Soil sample SRI-1 (3-3.5) collected at 1115.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SRI-1/MW-1

GZA TEMPLATE GEOPROBE W/EQUIP; 7/13/2021; 11:08:54 AM

MONITORING WELL LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Preferred Builders
205 Park Avenue Rl
205 Park Avenue, Brooklyn, NY

EXPLORATION NO.: SRI-1/MW-1
SHEET: 2 of 2
PROJECT NO: 12.0076834.00
REVIEWED BY:

Logged By: C. McGuffy
Drilling Co.: EPhase2
Foreman: L. Reiss

Geoprobe Location: See Plan
Ground Surface Elev. (ft.): 29.69
Final Geoprobe Depth (ft.): 35
Date Start - Finish: 6/15/2021 - 6/15/2021

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)

Date	Time	Stab. Time	Water	Casing
06/18/2021	02:20 PM		24.76	

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in.)	Rec. (in.)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)	Equipment Installed
		20.0-25.0	60	41	0.0	20'-22': Brown F-M SAND, trace C sand, no odor.			SAND		
22					0.1					22	
					0.2						
					0.1						
					0.0	22'-22'6": FILL (Brown/grey F-C SAND,trace asphalt, concrete, brick), no odor.			FILL	22.5	
					0.0						
					0.0	22'6"-25': Brown F-M SAND, some C Sand, moist, no odor.			SAND		
24					0.0						
					0.0						
					0.0						
		25.0-30.0	60	49	0.0	25'-27': Brown F-M SAND, some C Sand, trace F gravel and brick, moist, no odor.	2			26	
26					0.0				SAND		
					0.0						
					0.0						
					0.0	27'-30': Brown F-C SAND, wet, no odor.				27	
28					0.0				SAND		
					0.0						
					0.0						
					0.0						
					0.0						
30					0.0					30	0.010" PVC Screen
		30.0-35.0	60	60	0.1	30'-30'6": Brown F-M SAND, some C Sand, trace F-C gravel, wet, no odor.			SAND	30.5	Sand Pack
					0.0						
					0.0	30'6"-35': Brown F-C SAND, wet, no odor.					
32					0.0						
					0.0						
					0.0				SAND		
					0.0						
34					0.0						
					0.0						
					0.0					35	
						End of exploration at 35 feet.	3				
36											
38											
40											

REMARKS

2 - Soil sample SRI-1 (25-25.5) collected at 1120. Duplicate sample DUP-1 collected from this interval.
3 - End of boring at 35' bgs.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SRI-1/MW-1

GZA TEMPLATE GEOPROBE W/EQUIP: 7/13/2021; 11:08:55 AM

MONITORING WELL LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Preferred Builders
205 Park Avenue RI
205 Park Avenue, Brooklyn, NY

EXPLORATION NO.: SRI-2/MW-2
SHEET: 1 of 2
PROJECT NO: 12.0076834.00
REVIEWED BY:

Logged By: C. McGuffy
Drilling Co.: EPhase2
Foreman: L. Reiss

Geoprobe Location: See Plan
Ground Surface Elev. (ft.): 29.35
Final Geoprobe Depth (ft.): 35
Date Start - Finish: 6/15/2021 - 6/15/2021

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)

Date	Time	Stab. Time	Water	Casing
06/18/2021	01:00 PM		24.32	

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in.)	Rec. (in.)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)	Equipment Installed
		0.0-5.0	60	38	0.9	0-1'6": FILL (Brown F-M Sand, some Silt and C Sand, some F-M Gravel), no odor.	1		FILL	1.5	
2					0.0	1'6"- 3'6": FILL (Red Brick, some F-C Gravel), no odor.			FILL	3.5	
4					0.0	3'6"-4'7": Grey/white GRAVEL,some Cobbles.			GRAVEL	4.58	
					0.1	4'7"-5': Brown F-M SAND, some C Sand, some Silt, trace F gravel, no odor.			SAND	5	
		5.0-10.0	60	46	0.0	5'-5'3": Brown F-M SAND, some C Sand, some Silt, trace F gravel, no odor.			SAND	5.25	
6					0.0	5'3"-5'6": Red BRICK fragments.			FILL	5.5	
					0.0	5'6"-8'6": Brown F-M SAND, some Silt, trace C sand and F gravel, trace brick, no odor.			SAND		
8					0.0					8.5	
					0.0	8'6"-8'7": Purple COBBLES.			COBBLES	8.58	
					0.0	8'7"-10': Brown F-M SAND, trace C sand, no odor.			SAND		
10		10.0-15.0	60	42	0.0	10'-11'6": Brown F-M SAND, some C Sand and red Brick fragments, trace F gravel, no odor.			SAND	10	
					0.0					11.5	
12					0.0	11'6"-13'7": Brown F-M SAND, no odor.			SAND		0.010" PVC Riser
					0.0					13.58	
14					0.0	13'7"-14': Light purple COBBLES.			COBBLES	14	
					0.0	14'-15': Brown F-C SAND, some F Gravel, no odor.			SAND		
		15.0-20.0	60	34	0.0					15	
16					0.0	15'-20': FILL (Brown F-C Sand and F Gravel, some M Gravel and Brick fragments, trace C gravel), no odor.			FILL		
					0.0						
18					0.0						
					0.0						
					0.0						
20					0.0					20	

REMARKS

1 - Soil sample SRI-2 (0-0.5) collected at 0920.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SRI-2/MW-2

GZA TEMPLATE GEOPROBE W/EQUIP: 7/13/2021; 11:08:58 AM

MONITORING WELL LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Preferred Builders
205 Park Avenue Rl
205 Park Avenue, Brooklyn, NY

EXPLORATION NO.: SRI-2/MW-2
SHEET: 2 of 2
PROJECT NO: 12.0076834.00
REVIEWED BY:

Logged By: C. McGuffy
Drilling Co.: EPhase2
Foreman: L. Reiss

Geoprobe Location: See Plan
Ground Surface Elev. (ft.): 29.35
Final Geoprobe Depth (ft.): 35
Date Start - Finish: 6/15/2021 - 6/15/2021

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)				
Date	Time	Stab. Time	Water	Casing
06/18/2021	01:00 PM		24.32	

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in.)	Rec. (in.)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)	Equipment Installed
22		20.0-25.0	60	46	0.0	20'-22'6": FILL (Brown F-C Sand, some F Gravel, trace M-C gravel, trace brick fragments), moist, no odor.			FILL	22.5	
24					0.0	22'6-25': Brown F-M SAND, trace C sand, moist, no odor.			SAND	25	
26		25.0-30.0	60	23	0.0	25'-30': FILL (Brown F-M Sand, some C Sand and F Gravel, trace brick and concrete), moist, no odor.			FILL		
28					0.0						
30		30.0-35.0	60	45	0.0	30'-31'6": FILL (Brown F-M Sand, some C Sand and F Gravel, trace M gravel and brick), moist, no odor.	2		FILL	30	0.010" PVC Screen Sand Pack
32					0.0	31'6"-35': Brown F-M SAND, some C Sand, trace F gravel, wet, no odor.			SAND	31.5	
34					0.0						
36						End of exploration at 35 feet.	3			35	
38											
40											

REMARKS

2 - Soil sample SRI-2 (30-30.5) collected at 0930.
3 - End of boring at 35' bgs.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SRI-2/MW-2

GZA TEMPLATE GEOPROBE W/EQUIP; 7/13/2021; 11:08:58 AM

MONITORING WELL LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Preferred Builders
205 Park Avenue Rl
205 Park Avenue, Brooklyn, NY

EXPLORATION NO.: SRI-3/MW-3
SHEET: 1 of 2
PROJECT NO: 12.0076834.00
REVIEWED BY:

Logged By: P. Benya
Drilling Co.: EPhase2
Foreman: L. Reiss

Geoprobe Location: See Plan
Ground Surface Elev. (ft.): 29.33
Final Geoprobe Depth (ft.): 35
Date Start - Finish: 6/14/2021 - 6/14/2021

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)

Date	Time	Stab. Time	Water	Casing
06/18/2021	09:45 AM		24.98	

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in.)	Rec. (in.)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)	Equipment Installed
		0.0-5.0	60	48	5.5	0-6": Brown SILT, some Gravel.			SILT	0.5	
					0.5	6"-1': ASPHALT and GRAVEL.			ASPHALT	1	
					0.0	1'-2': Light tan F-C SAND,GRAVEL, and ASPHALT.			FILL	2	
2					0.0						
					0.0						
					0.0	2'-5': Brown F-M SAND, trace clay, trace cobbles.	1				
					0.0						
4					0.0				SAND		
					0.0						
					0.0						
		5.0-10.0	60	60	0.0	5'-5'6": Brown/dark tan F-M SAND.			SAND	5.5	
6					0.0	5'6"-6'6": Brown/grey F-M SAND and GRAVEL, some Asphalt fragments.			SAND AND GRAVEL	6.5	
					4.7						
					0.1	6'6"-9': Brown F-C SAND, trace silt.					
					0.1						
8					0.0				SAND		
					0.0						
					0.0					9	
					0.0	9'-10': Brown/tan F-C SAND, some Gravel, trace brick fragments.			SAND		
					0.0					10	
10		10.0-15.0	60	45	0.0	10'-11': Brown F-C SAND, some Gravel, trace clay.			SAND		
					0.0					11	
					0.0	11'-11'6": Grey M-C SAND and GRAVEL, trace cobbles.			SAND AND GRAVEL	11.5	
12					0.0						
					0.0						0.010" PVC Riser
					0.0	11'6"-14'6": Brown/orange M-C SAND, trace silt.			SAND		
					0.0						
14					0.0						
					0.0					14.5	
					0.0	14'6"-15': Brown M-C SAND, some Gravel, trace silt.			SAND	15	
		15.0-20.0	60	30	0.0	15'-16': Brown/orange M-C SAND, some Gravel.			SAND		
16					0.0					16	
					0.0						
					0.0	16'-19': Brown/grey F-C SAND and GRAVEL, trace brick fragments, trace asphalt.			SAND AND GRAVEL		
18					0.0						
					0.0						
					0.0					19	
					0.0	19'-20': Tan/light brown M-C SAND.			SAND		
20					0.0					20	

REMARKS

1 - Soil sample SRI-3 (2-2.5) collected at 1250.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SRI-3/MW-3

MONITORING WELL LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Preferred Builders
205 Park Avenue Rl
205 Park Avenue, Brooklyn, NY

EXPLORATION NO.: SRI-3/MW-3
SHEET: 2 of 2
PROJECT NO: 12.0076834.00
REVIEWED BY:

Logged By: P. Benya
Drilling Co.: EPhase2
Foreman: L. Reiss

Geoprobe Location: See Plan
Ground Surface Elev. (ft.): 29.33
Final Geoprobe Depth (ft.): 35
Date Start - Finish: 6/14/2021 - 6/14/2021

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)				
Date	Time	Stab. Time	Water	Casing
06/18/2021	09:45 AM		24.98	

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in.)	Rec. (in.)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)	Equipment Installed
		20.0-25.0	60	36	0.0	20'-21': Brown/grey F-C SAND, trace gravel, trace silt.			SAND	21	
22					0.0	21'-21'6": Grey F-M SAND and GRAVEL.			SAND AND GRAVEL	21.5	
					0.0	21'6"-24': Brown/dark tan F-C SAND, trace gravel.			SAND		
24					0.0					24	
					0.0	24'-25': Dark tan M-C SAND, some Gravel.			SAND		
		25.0-30.0	60	12	0.0	25'-30': Dark brown/dark tan/brown F-M SAND, some Silt, trace gravel, wet at 28'6".				26	
26					0.0						
					0.0						
					0.0						
					0.0						
28					0.0				SAND		
					0.0		2				
					0.0						
					0.0						
					0.0						
30					0.0					30	0.010" PVC Screen
		30.0-35.0	60	45	0.0	30'-32': Brown F-C SAND, trace gravel, trace silt.			SAND		Sand Pack
					0.0						
					0.0						
32					0.0					32	
					0.0	32'-35': Brown/dark tan M-C SAND, trace silt.					
					0.0						
					0.0						
34					0.0				SAND		
					0.0						
					0.0						
						End of exploration at 35 feet.	3			35	
36											
38											
40											

REMARKS

2 - Soil sample SRI-3 (28-28.5) collected at 1300.
3 - End of boring at 35' bgs.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SRI-3/MW-3

GZA TEMPLATE GEOPROBE W/EQUIP; 7/13/2021; 11:09:02 AM

BORING LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Preferred Builders
205 Park Avenue Rl
205 Park Avenue, Brooklyn, NY

EXPLORATION NO.: SRI-4
SHEET: 1 of 2
PROJECT NO: 12.0076834.00
REVIEWED BY:

Logged By: C. McGuffy
Drilling Co.: EPhase2
Foreman: L. Reiss

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 30
Date Start - Finish: 6/14/2021 - 6/14/2021

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)				
Date	Time	Stab. Time	Water	Casing
Not Measured				

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in.)	Rec. (in.)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)	Equipment Installed
		0.0-5.0	60	43	0.0	0-1'6": FILL (Brown F Sand, some M Sand and Silt, Some F Gravel), no odor.					No Equipment Installed
					0.0				FILL		
					0.0		1			1.5	
2					0.0	1'6"-2'7": FILL (Red Brick fragments).			FILL		
					0.1					2.58	
					0.1	2'7"-3'6": FILL (White/grey Gravel, some Asphalt).			FILL		
					0.1					3.5	
4					0.1	3'6'-4'6": FILL (Brown F Sand and Silt), no odor.			FILL		
					0.1					4.5	
					0.1	4'6"-5': FILL (Red Brick fragments and Asphalt), no odor.			FILL	5	
		5.0-10.0	60	60	0.1						
6					0.1	5'-6'6": FILL (White/grey Gravel, Brick			FILL		
					0.9	fragments, Asphalt, Wood fragments), no odor.				6.5	
					0.2				GRAVEL	7	
					0.2	6'6"-7': White GRAVEL.					
8					0.2	7'-10': Light brown F-M SAND, some C Sand,					
					0.2	trace brick fragments, no odor.			SAND		
					0.2						
					0.2						
10					0.2					10	
		10.0-15.0	60	48	0.2	10'-15': Light brown F-M SAND, some C Sand,					
					0.3	trace F gravel, no odor.					
					0.3						
12					0.2				SAND		
					0.2						
					0.2						
					0.2						
14					0.2						
					0.2						
					0.2					15	
		15.0-20.0	60	44	0.1	15'-16'6": Light brown F-M SAND, some C Sand,					
16					0.1	trace F gravel, no odor.			SAND		
					0.1					16.5	
					0.1	16'6"-18': Light brown F-C SAND, trace F gravel,					
					0.1	no odor.			SAND		
18					0.1					18	
					0.1	18'-20': Light brown F-M SAND, some C Sand,					
					0.1	no odor.			SAND		
					0.1						
20					0.1					20	

REMARKS

1 - Soil sample SRI-4 (1-1.5) collected at 1046.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SRI-4

BORING LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Preferred Builders
205 Park Avenue Rl
205 Park Avenue, Brooklyn, NY

EXPLORATION NO.: SRI-4
SHEET: 2 of 2
PROJECT NO: 12.0076834.00
REVIEWED BY:

Logged By: C. McGuffy
Drilling Co.: EPhase2
Foreman: L. Reiss

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 30
Date Start - Finish: 6/14/2021 - 6/14/2021

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)				
Date	Time	Stab. Time	Water	Casing
Not Measured				

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in.)	Rec. (in.)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)	Equipment Installed
22		20.0-25.0	60	47	0.0	20'-22': Light brown F-M SAND, some C Sand, no odor.			SAND		
					0.2					22	
					0.1	22'-22'3": Brown SILT, some F Sand, moist, no odor.			SILT	22.25	
					0.1	22'3"-23': Brown M-C SAND, some F Sand, no odor.			SAND	23	
24					0.1						
					0.1	23'-25': Brown F-M SAND, some C Sand, moist at 24'6", no odor.			SAND		
					0.1					25	
		25.0-30.0	60	60	0.1	25'-27': Brown F-M SAND, some C Sand, trace F gravel and trace C sand, moist, no odor.			SAND		
26					0.1						
					0.1		2			27	
					0.1	27'-30': Brown F-C SAND, trace F gravel, wet, no odor.			SAND		
28					0.1						
					0.1						
					0.1						
					0.1						
30					0.0					30	
						End of exploration at 30 feet.	3				
32											
34											
36											
38											
40											

REMARKS

2 - Soil sample SRI-4 (26.5-27) collected at 1055.
3 - End of boring at 30' bgs.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SRI-4

BORING LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Preferred Builders
205 Park Avenue Rl
205 Park Avenue, Brooklyn, NY

EXPLORATION NO.: SRI-5
SHEET: 1 of 2
PROJECT NO: 12.0076834.00
REVIEWED BY:

Logged By: C. McGuffy
Drilling Co.: EPhase2
Foreman: L. Reiss

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 30
Date Start - Finish: 6/14/2021 - 6/14/2021

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)				
Date	Time	Stab. Time	Water	Casing
Not Measured				

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in.)	Rec. (in.)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)	Equipment Installed
		0.0-5.0	60	34	0.0	0-2'6": FILL (Brown F Sand and Silt, trace gravel and brick), no odor.			FILL		No Equipment Installed
2					0.0		1				
					0.0	2'6"-2'7": FILL (Gravel, Asphalt, and Brick fragments).			FILL	2.5 / 2.58	
4					0.0	2'7"-4'6": Brown F SAND and SILT, no odor.			SAND AND SILT		
					0.0	4'6"-5': GRAVEL, some Asphalt.			GRAVEL	4.5 / 5	
6		5.0-10.0	60	36	0.0	5'-10': Brown F-M SAND, some C Sand, trace F gravel, no odor.					
8					0.0				SAND		
10					0.0					10	
		10.0-15.0	60	60	0.0	10'-11'6": Brown F SAND and SILT, some M Sand, no odor.			SAND AND SILT		
12					0.0	11'6"-15': Brown F-M SAND, trace C sand, no odor.				11.5	
14					0.0				SAND		
		15.0-20.0	60	47	0.1	15'-17': Brown F-M SAND, trace C sand, no odor.				15	
16					0.1				SAND		
					0.0	17'-18': Brown F-C SAND, trace F gravel, no odor.				17	
18					0.0	18'-18'3": Grey GRAVEL.			SAND	18	
					0.0	18'3"-19': Brown F-C SAND, trace F gravel, no odor.			GRAVEL	18.25	
					0.0				SAND	19	
20					0.0	19'-20': Brown F-M SAND, trace C sand and F gravel, no odor.			SAND	20	

REMARKS

1 - Soil sample SRI-5 (1.5-2) collected at 1140.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SRI-5

GZA TEMPLATE GEOPROBE W/EQUIP; 7/13/2021; 11:09:08 AM

BORING LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Preferred Builders
205 Park Avenue Rl
205 Park Avenue, Brooklyn, NY

EXPLORATION NO.: SRI-5
SHEET: 2 of 2
PROJECT NO: 12.0076834.00
REVIEWED BY:

Logged By: C. McGuffy
Drilling Co.: EPhase2
Foreman: L. Reiss

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 30
Date Start - Finish: 6/14/2021 - 6/14/2021

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)				
Date	Time	Stab. Time	Water	Casing
Not Measured				

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in.)	Rec. (in.)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)	Equipment Installed
22		20.0-25.0	60	39	0.1	20'-20'6": Brown F-M SAND, some C Sand and F Gravel, no odor.			SAND	20.5	
					0.1						
					0.1						
					0.1	20'6"-22'6": Brown F-M SAND, some F Silt, no odor.			SAND		
					0.1						
					0.1						
					0.1	22'6"-22'8": BRICK fragments.				22.5	
					0.1				FILL	22.67	
24					0.1	22'8"-25': FILL (Brown F-C Sand, some Gravel, some Brick), no odor.			FILL		
					0.1						
					0.1						
					0.1					25	
26		25.0-30.0	60	27	0.1	25'-28': Brown F-M SAND, some C Sand, no odor.					
					0.2						
					0.2						
					0.2				SAND		
					0.1		2				
28					0.1						
					0.1	28'-30': Brown F-C SAND, moist to wet.				28	
					0.1						
					0.1				SAND		
30					0.1					30	
						End of exploration at 30 feet.	3				
32											
34											
36											
38											
40											

REMARKS

2 - Soil sample SRI-5 (27-27.5) collected at 1155.
3 - End of boring at 30' bgs.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SRI-5

GZA TEMPLATE GEOPROBE W/EQUIP; 7/13/2021; 11:09:08 AM

BORING LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Preferred Builders
205 Park Avenue Rl
205 Park Avenue, Brooklyn, NY

EXPLORATION NO.: SRI-6
SHEET: 1 of 2
PROJECT NO: 12.0076834.00
REVIEWED BY:

Logged By: P. Benya
Drilling Co.: EPhase2
Foreman: L. Reiss

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 30
Date Start - Finish: 6/14/2021 - 6/14/2021

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)				
Date	Time	Stab. Time	Water	Casing
Not Measured				

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in.)	Rec. (in.)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)	Equipment Installed
		0.0-5.0	60	48	0.0	0-6": Brown F-M SAND, trace silt.			SAND	0.5	No Equipment Installed
					0.0	6"-1': FILL (Asphalt, Gravel, Cobbles).			FILL	1	
					0.0	1'-2': Dark brown M-C SAND, some Gravel, trace silt.			SAND		
2					0.0					2	
					0.0	2'-2'6": BRICK fragments.	1		FILL	2.5	
					0.0	2'6"-3'5": Grey F-M SAND and GRAVEL.			SAND AND GRAVEL	3.5	
					0.0						
4					0.0	3'5"-5': Brown F-M SAND, trace clay, trace silt.					
					0.0				SAND		
					0.0					5	
		5.0-10.0	60	60	0.0	5'-5'6": Brown F-M SAND and GRAVEL.			SAND AND GRAVEL	5.5	
6					0.1	5'6"-6': Grey F-M SAND and GRAVEL, some Cobbles.				6	
					0.2				SAND AND GRAVEL	6.5	
					0.1	6'-6'6": Light brown F-M SAND, trace gravel, trace brick fragments.				7	
					0.1				SAND		
8					0.1	6'6"-7': Grey F-M SAND, some Clay, some Brick fragments.			SAND		
					0.1						
					0.1	7'-10': Brown F-C SAND, trace gravel, trace silt.			SAND		
					0.1						
10					0.1					10	
		10.0-15.0	60	60	0.0	10'-11'6": FILL (Brown M-C Sand, trace gravel).					
					0.0				FILL		
					0.0					11.5	
12					0.0	11'6"-12': Dark brown F-C SAND and GRAVEL.			SAND AND GRAVEL	12	
					0.0	12'-15': Brown M-C SAND, trace gravel.					
					0.0						
					0.0				SAND		
14					0.0						
					0.0						
					0.0					15	
		15.0-20.0	60	60	0.0	15'-16': Brown M-C SAND, trace gravel.			SAND		
16					0.0					16	
					0.0	16'-17': Dark brown F-C SAND, some Gravel.			SAND		
					0.1	17'-20': FILL (Brown M-C Sand).				17	
					0.1						
18					0.1				FILL		
					0.1						
					0.1						
					0.1						
20					0.1					20	

REMARKS

1 - Soil sample SRI-6 (2-2.5) collected at 0950.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SRI-6

BORING LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Preferred Builders
205 Park Avenue Rl
205 Park Avenue, Brooklyn, NY

EXPLORATION NO.: SRI-6
SHEET: 2 of 2
PROJECT NO: 12.0076834.00
REVIEWED BY:

Logged By: P. Benya
Drilling Co.: EPhase2
Foreman: L. Reiss

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 30
Date Start - Finish: 6/14/2021 - 6/14/2021

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)				
Date	Time	Stab. Time	Water	Casing
Not Measured				

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in.)	Rec. (in.)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)	Equipment Installed
		20.0-25.0	60	60	0.1	20'-20'6": Brown F-C SAND.			SAND	20.5	
					0.1	20'6"-21': Brown F-C SAND, some Silt, trace			SAND	21	
					0.1	gravel.					
22					0.1	21'-22': Brown F-M SAND, trace gravel.			SAND	22	
					0.1	22'-22'6": Dark brown F-C SAND and GRAVEL.			SAND AND	22.5	
					0.1	22'6"-25': Brown M-C SAND.			GRAVEL		
					0.1						
24					0.1				SAND		
					0.1						
					0.1					25	
		25.0-30.0	60	48	0.0	25'-26': Brown/dark brown F-C SAND, trace silt,			SAND		
26					0.0	trace gravel.				26	
					0.0	26'-27': Brown F-C SAND.	2		SAND		
					0.0					27	
					0.0	27'-30': Brown/dark brown/tan M-C SAND,					
28					0.0	wet at 27'.					
					0.0				SAND		
					0.0						
					0.0						
30					0.0					30	
						End of exploration at 30 feet.	3				
32											
34											
36											
38											
40											

REMARKS

2 - Soil sample SRI-6 (26.5-27) collected at 1000.
3 - End of boring at 30' bgs.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SRI-6

GZA TEMPLATE GEOPROBE W/EQUIP; 7/13/2021; 11:09:12 AM

BORING LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Preferred Builders
205 Park Avenue Rl
205 Park Avenue, Brooklyn, NY

EXPLORATION NO.: SRI-7
SHEET: 1 of 2
PROJECT NO: 12.0076834.00
REVIEWED BY:

Logged By: C. McGuffy
Drilling Co.: EPhase2
Foreman: L. Reiss

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 30
Date Start - Finish: 6/14/2021 - 6/14/2021

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)				
Date	Time	Stab. Time	Water	Casing
Not Measured				

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in.)	Rec. (in.)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)	Equipment Installed
		0.0-5.0	60	38	0.0	0-1'6": Brown F-M SAND, some C Sand, some F-M Gravel, no odor.			SAND		No Equipment Installed
2					0.0	1'6"-5': FILL (Red Brick, F-M Gravel, some Asphalt), no odor.	1			1.5	
4					0.0				FILL		
		5.0-10.0	60	34	0.0	5'-5'6": GRAVEL and red BRICK fragments.	4			5	
6					0.0	5'6"-10': Brown F-M SAND, some C Sand, trace gravel, cobbles, and brick, no odor.			FILL	5.5	
8					0.0				SAND		
10		10.0-15.0	60	29	0.0	10'-15': Brown F-C SAND, some F-M Gravel, no odor.				10	
12					0.0				SAND		
14					0.0						
		15.0-20.0	60	44	0.0	15'-17': Brown F-C SAND, some F-M Gravel, trace C gravel, no odor, wet.				15	
16					0.0				SAND		
					0.0	17'-18'6": Brown F-C SAND, some F-M Gravel, trace C gravel, no odor, moist.				17	
18					0.0				SAND		
					0.0	18'6"-18'8": White/grey GRAVEL.				18.5	
					0.0	18'8"-20': Brown F-M SAND, some C Sand, no odor.			GRAVEL	18.67	
20					0.0				SAND	20	

REMARKS

1 - Soil sample SRI-7 (1.5-2) collected at 1500.
4 - Boring was third attempt - stepped out three times due to refusal at 5' bgs.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SRI-7

GZA TEMPLATE GEOPROBE W/EQUIP; 7/13/2021; 11:09:14 AM

BORING LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Preferred Builders
205 Park Avenue Rl
205 Park Avenue, Brooklyn, NY

EXPLORATION NO.: SRI-7
SHEET: 2 of 2
PROJECT NO: 12.0076834.00
REVIEWED BY:

Logged By: C. McGuffy
Drilling Co.: EPhase2
Foreman: L. Reiss

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 30
Date Start - Finish: 6/14/2021 - 6/14/2021

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)				
Date	Time	Stab. Time	Water	Casing
Not Measured				

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in.)	Rec. (in.)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)	Equipment Installed
22		20.0-25.0	60	37	0.0	20'-22'6": Brown F-C SAND, some F Gravel, moist, no odor.			SAND		
24					0.0	22'6"-22'8": Purple COBBLES.			COBBLES	22.5 / 22.67	
					0.0	22'8"-25': Brown F-M SAND, some C Sand, moist, no odor.			SAND		
26		25.0-30.0	60	40	0.0	25'-27': Brown F-M SAND, some C Sand, trace F-M gravel, trace brick, wet, no odor.	2		SAND	25	
28					0.0	27'-30': Brown F-C SAND, trace F gravel, wet, no odor.			SAND	27	
30					0.0					30	
32						End of exploration at 30 feet.	3				
34											
36											
38											
40											

REMARKS

2 - Soil sample SRI-7 (24.5-25) collected at 1530.
3 - End of boring at 30' bgs.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SRI-7

GZA TEMPLATE GEOPROBE W/EQUIP; 7/13/2021; 11:09:14 AM

BORING LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Preferred Builders
205 Park Avenue Rl
205 Park Avenue, Brooklyn, NY

EXPLORATION NO.: SRI-8
SHEET: 1 of 2
PROJECT NO: 12.0076834.00
REVIEWED BY:

Logged By: P. Benya
Drilling Co.: EPhase2
Foreman: L. Reiss

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 30
Date Start - Finish: 6/15/2021 - 6/15/2021

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)				
Date	Time	Stab. Time	Water	Casing
Not Measured				

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in.)	Rec. (in.)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)	Equipment Installed
		0.0-5.0	60	60	0.0	0-6": ASPHALT.			ASPHALT	0.5	No Equipment Installed
					0.0	6"-1': Tan M-C SAND and GRAVEL, some Cobble.			SAND AND GRAVEL	1 / 1.5	
2					0.0	1'-1'6": Brown F-M SAND and black SILT, some Brick fragments.			SAND AND SILT	2.5	
					0.0	1'6"-2'6": White F-M SAND and black SILT, some Asphalt, some Cobbles.					
4					0.0	2'6"-5': Brown F-M SAND, some Silt, trace gravel.	1		SAND		
					0.0					5	
		5.0-10.0	60	36	0.0	5'-5'6": Brown F-M SAND, some Silt, trace asphalt fragments.			SAND	5.5	
6					0.0				SAND AND SILT	6	
					0.0	5'6"-6': Black F-M SAND and SILT, some Gravel.					
					0.0	6'-10': Brown F-M SAND, some Silt, trace gravel, trace cobbles.					
8					0.0				SAND		
					0.0						
					0.0						
					0.0						
10					0.0					10	
		10.0-15.0	60	36	0.0	10'-11': Brown/black F-C SAND and SILT, some Gravel, trace brick fragments.			SAND AND SILT	11	
					0.0						
					0.0	11'-15': Brown/tan F-C SAND, trace gravel.					
12					0.0						
					0.0				SAND		
					0.0						
					0.0						
14					0.0						
					0.0						
					0.0					15	
		15.0-20.0	60	36	0.0	15'-15'6": Brown F-M SAND, trace gravel.			SAND	15.5	
16					0.0	15'6"-16': Dark brown F-M SAND, some Silt, trace gravel.			SAND	16	
					0.0				SAND		
					0.0	16'-17': Tan F-C SAND, some Gravel.				17	
					0.0						
18					0.0	17'-20': Tan F-M SAND, trace gravel.					
					0.0				SAND		
					0.0						
					0.0						
20					0.0					20	

REMARKS

1 - Soil sample SRI-8 (3.5-4) collected at 1315.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SRI-8

GZA TEMPLATE GEOPROBE W/EQUIP; 7/13/2021; 11:09:17 AM

BORING LOG

GZA GeoEnvironmental, Inc.
Engineers and Scientists

Preferred Builders
205 Park Avenue Rl
205 Park Avenue, Brooklyn, NY

EXPLORATION NO.: SRI-8
SHEET: 2 of 2
PROJECT NO: 12.0076834.00
REVIEWED BY:

Logged By: P. Benya
Drilling Co.: EPhase2
Foreman: L. Reiss

Geoprobe Location: See Plan
Ground Surface Elev. (ft.):
Final Geoprobe Depth (ft.): 30
Date Start - Finish: 6/15/2021 - 6/15/2021

H. Datum:
V. Datum:

Type of Rig: Geoprobe
Rig Model: 6712DT
Drilling Method: Direct Push

Sampler Type: SS
Sampler O.D. (in.): 2.0
Sampler Length (in.): 24
Rock Core Size:

Groundwater Depth (ft.)				
Date	Time	Stab. Time	Water	Casing
Not Measured				

Depth (ft)	Sample No.	Sample Depth (ft.)	Pen. (in.)	Rec. (in.)	PID (ppm)	Sample Description Modified Burmister	Remark	Elev. (ft.)	Stratum Description	Depth (ft.)	Equipment Installed
		20.0-25.0	60	30	0.0	20'-22'6": Brown F-C SAND, trace silt.					
					0.0						
					0.0						
22					0.0				SAND		
					0.0						
					0.0					22.5	
					0.0	22'6"-25': Light brown/tan F-C SAND, trace silt,					
					0.0	trace gravel.					
24					0.0				SAND		
					0.0						
					0.0					25	
		25.0-30.0	60		0.0	25'-26': Brown/grey F-C SAND, some Gravel.			SAND		
26					0.0	26'-29': Tan/light tan F-M SAND, trace cobbles.				26	
					0.0						
					0.0						
					0.0						
28					0.0				SAND		
					0.0						
					0.0					29	
					0.0	29'-30': Dark brown F-C SAND, trace silt,					
30					0.0	wet at 30'.	2		SAND	30	
						End of exploration at 30 feet.	3				
32											
34											
36											
38											
40											

REMARKS

2 - Soil sample SRI-8 (29.5-30) collected at 1325. Duplicate sample DUP-2 collected from this interval.
3 - End of boring at 30' bgs.

Field Screening performed with PID equipped with a 10.6 eV lamp calibrated to a 100 ppm isobutylene standard.See Log Key for explanation of sample description and identification procedures. Stratification lines represent approximate boundaries between soil types. Actual transitions may be gradual. Water level readings have been made at the times and under the conditions stated. Fluctuations of groundwater may occur due to other factors than those present at the times the measurements were made.

SRI-8

GZA TEMPLATE GEOPROBE W/EQUIP; 7/13/2021; 11:09:18 AM

APPENDIX D GROUNDWATER SAMPLING FORMS

GROUNDWATER SAMPLING FORM

Well Number MW-1
State Permit No.
Project Name 205 Park Ave.
Project Number 12.0076834.10

Sampling Date 06/18/21
Weather 82 F Sunny
Sampled by: PB

Well Information

Well Type: ✓ **Monitor** ___**Other:**_____
Well Construction: ✓ **PVC** ___**Steel** ___**Other:**_____
Well Diameter 2 inches
Well Screened interval 25 to 35 feet below TIC
Well Depth (ft below TIC) 34.95
Well Headspace Reading (PID/FID) 0
Water Level (ft below TIC) 24.76
Product Level-if present (ft below TIC)
Well Notes (Odor, well condition, etc.)

Purge Volume

Depth to Bottom - Water Level = Water Column Height
Water Column Height X Conversion Factor = Purge Volume

Purge Volume Conversion Chart		
Well Diameter (in)	CF (gal/ft)	CF (gal/ft x 3)
1	0.0408	0.12
2	0.1632	0.49
4	0.6528	1.96

Purging Information

Purge Method: ✓ **Low Flow** ___ **3 Well Volume** ___**Other:**_____
Pump: ___ **Submersible Pump (2-inch)** ✓ **Peristaltic** ___**Other:**_____
Pump intake depth (ft below TIC): 30 **Purge water discharged to:** ___ **Ground** ✓ **Drum** ___**Other:**_____
Tubing: ✓ **Polyethylene** ___ **Teflon-line** ___**Other.**

Time (HH:MM)	Temp (°C)	pH (pH units)	D.O. (mg/L)	Cond. (mS/cm)	ORP (mV)	DTW (feet)	Rate (mL/min)	Turbidity (NTU)	_____	Notes
14:20	13.20	6.98	3.89	0.976	-8.8	24.76	250	531.0		
14:25	15.50	6.95	3.91	0.97	-21.10	24.78	250	742.00		
14:30	17.30	6.93	3.62	0.963	-42.30	24.80	250	690.00		
14:35	17.20	6.98	3.60	0.962	-48.80	24.80	250	581.00		
14:40	17.10	6.99	3.59	0.960	-50.2	24.80	250	525		
14:45	17.10	7.00	3.59	0.957	-52.3	24.80	250	496		
14:50	17.10	7.01	3.65	0.954	-55.4	24.80	250	471		
14:55	17.00	7.02	3.62	0.955	-56.3	24.80	250	336		
15:00	17.10	7.03	3.61	0.954	-56.9	24.80	250	307		
15:05	17.10	7.03	3.59	0.953	-57.3	24.80	250	251		
15:10	17.00	7.02	3.61	0.956	-57.3	24.80	250	202		
15:15	16.60	7.02	3.62	0.958	-56.5	24.80	250	133		
15:20	16.6	7.02	3.65	0.960	-56.1	24.80	250	97.5		
15:25	16.5	7.02	3.7	0.962	-54.4	24.80	250	83.1		
15:30	16.6	7.02	3.77	0.961	-52.6	24.80	250	48.4		
15:35	16.6	7.02	3.7	0.960	-51.6	24.80	250	36.9		
15:40	16.6	7.02	3.72	0.963	-51.2	24.80	250	28.2		
15:45	16.5	7.02	3.73	0.963	-52	24.80	250	29.9		
15:50	16.5	7.02	3.73	0.964	-52.3	24.80	250	28.6		
15:55	SAMPLE									
16:10										**Post-sampling Measurements**

Total Volume Purged ~5 gal
Water Quality Meter(s) YSI ProQuattro, HACH 2100 Q
Temperaure Correction Factor

Sample Information

Groundwater Sample Field ID MW-1
Sampling Time 15:55 **Sampling End Time** 16:10 **DTW before Sampling** ___24.80_____
Sampling Method ___ **Bailer (type:**_____**)** ___**Same as Above** ✓ **Other:**_____
Duplicate Sample Collected? Yes ____ **No** ✓
Sampling Observations Clear

GROUNDWATER SAMPLING FORM

Well Number MW-2
State Permit No.
Project Name 205 Park Ave.
Project Number 12.0076834.10

Sampling Date 06/18/21
Weather 82 F Sunny
Sampled by: LD

Well Information

Well Type: ✓ **Monitor** ___**Other:**_____
Well Construction: ✓ **PVC** ___**Steel** ___**Other:**_____
Well Diameter 2 inches
Well Screened interval 25 to 35 feet below TIC
Well Depth (ft below TIC) 35.00
Well Headspace Reading (PID/FID) 0
Water Level (ft below TIC) 24.32
Product Level-if present (ft below TIC)
Well Notes (Odor, well condition, etc.)

Purge Volume

Depth to Bottom - Water Level = Water Column Height
Water Column Height X Conversion Factor = Purge Volume

Purge Volume Conversion Chart		
Well Diameter (in)	CF (gal/ft)	CF (gal/ft x 3)
1	0.0408	0.12
2	0.1632	0.49
4	0.6528	1.96

Purging Information

Purge Method: ✓ **Low Flow** ___ **3 Well Volume** ___**Other:**_____
Pump: __X_ **Submersible Pump (2-inch)** **Peristaltic** ___**Other:**_____
Pump intake depth (ft below TIC): 32 **Purge water discharged to:** ___ **Ground** ✓ **Drum** ___**Other:**_____
Tubing: ✓ **Polyethylene** ___ **Teflon-line** ___**Other.**

Time (HH:MM)	Temp (°C)	pH (pH units)	D.O. (mg/L)	Cond. (mS/cm)	ORP (mV)	DTW (feet)	Rate (mL/min)	Turbidity (NTU)	_____	Notes
13:00	-	-	-	-	-	24.32	100	424.0		
13:05	-	-	-	-	-	-	-	-		
13:10	-	-	-	-	-	-	-	-		
13:15	-	-	-	-	-	-	-	-		
13:20	-	-	-	-	-	-	-	-		
13:30	-	-	-	-	-	-	-	-		
13:35	-	-	-	-	-	-	-	-		
13:40	-	-	-	-	-	-	-	-		
13:45	18.30	7.26	4.22	1.151	11.0	24.32	100	112		
13:50	18.30	7.26	4.03	1.154	9.1	24.32	100	76.5		
13:55	18.40	7.25	4.01	1.150	7.9	24.32	100	68.5		
14:00	18.20	7.25	3.87	1.157	5.4	24.32	100	59.1		
14:05	18.3	7.26	3.94	1.153	4.6	24.32	100	50.9		
14:10	18.4	7.26	3.99	1.153	3.2	24.32	100	52.1		
14:15	18.5	7.26	3.9	1.157	2.1	24.32	100	47		
14:20	18.1	7.25	4.09	1.162	1.5	24.32	100	44.2		
14:25	18.3	7.25	3.86	1.153	0.9	24.32	100	37.1		
14:30	-	-	-	-	-	-	-	33.5		
14:35	-	-	-	-	-	-	-	-		
14:40	-	-	-	-	-	-	-	-		
14:45	18.5	7.24	4.26	1.158	-10	24.32	100	31.6		
14:50	18.2	7.25	4.04	1.16	-0.9	24.32	100	25.2		
										Post-sampling Measurements

Total Volume Purged
Water Quality Meter(s) YSI ProQuattro, HACH 2100 Q
Temperaure Correction Factor

Sample Information

Groundwater Sample Field ID MW-2
Sampling Time 15:10 **Sampling End Time** 15:40 **DTW before Sampling** __24.32_____
Sampling Method ___ **Bailer (type:**_____) _X__**Same as Above** **Other:**_____
Duplicate Sample Collected? Yes ____ **No** ✓
Sampling Observations

GROUNDWATER SAMPLING FORM

Well Number MW-2
State Permit No.
Project Name 205 Park Ave.
Project Number 12.0076834.10

Sampling Date 06/18/21
Weather 82 F Sunny
Sampled by: LD

Well Information

Well Type: ✓ **Monitor** ___**Other:**_____
Well Diameter 2 inches
Well Depth (ft below TIC) 35.00
Water Level (ft below TIC) 24.32
Well Notes (Odor, well condition, etc.)

Well Construction: ✓ **PVC** ___**Steel** ___**Other:**_____
Well Screened interval **25 to 35 feet below TIC**
Well Headspace Reading (PID/FID) 0
Product Level-if present (ft below TIC)

Purge Volume

Depth to Bottom − Water Level = Water Column Height
Water Column Height X Conversion Factor = Purge Volume

Purge Volume Conversion Chart		
Well Diameter (in)	CF (gal/ft)	CF (gal/ft x 3)
1	0.0408	0.12
2	0.1632	0.49
4	0.6528	1.96

Purging Information

Purge Method: ✓ **Low Flow** ___ **3 Well Volume** ___**Other:**_____
Pump: __X_ **Submersible Pump (2-inch)** **Peristaltic** ___**Other:**_____
Pump intake depth (ft below TIC): 32 **Purge water discharged to:** ___ **Ground** ✓ **Drum** ___**Other:**_____
Tubing: ✓ **Polyethylene** ___ **Teflon-line** ___**Other.**

Time (HH:MM)	Temp (°C)	pH (pH units)	D.O. (mg/L)	Cond. (mS/cm)	ORP (mV)	DTW (feet)	Rate (mL/min)	Turbidity (NTU)	_____	Notes
14:55	18.10	7.25	4.07	1.164	-0.7	24.32	100	20.7		
15:00	18.40	7.24	3.44	1.162	-0.5	24.32	100	20.9		
15:41	18	7.23	8.05	1.172	1	24.32	100	13		**Post-sampling Measurements**

Total Volume Purged
Water Quality Meter(s) YSI ProQuattro, HACH 2100 Q
Temperaure Correction Factor

Sample Information

Groundwater Sample Field ID MW-2
Sampling Time 15:10 **Sampling End Time** 15:40 **DTW before Sampling** __24.32_____
Sampling Method ___ **Bailer (type:**_____) _X__**Same as Above** **Other:**_____
Duplicate Sample Collected? Yes ____ **No** ✓
Sampling Observations

GROUNDWATER SAMPLING FORM

Well Number MW-3
State Permit No.
Project Name 205 Park Ave.
Project Number 12.0076834.10

Sampling Date 06/18/21
Weather 82 F Sunny
Sampled by: LD

Well Information

Well Type: ✓ **Monitor** ___**Other:**_____
Well Diameter 2 inches
Well Depth (ft below TIC) 35.00
Water Level (ft below TIC) 24.48
Well Notes (Odor, well condition, etc.)

Well Construction: ✓ **PVC** ___**Steel** ___**Other:**_____
Well Screened interval **25 to 35 feet below TIC**
Well Headspace Reading (PID/FID) 0
Product Level-if present (ft below TIC)

Purge Volume

Depth to Bottom - Water Level = Water Column Height
Water Column Height X Conversion Factor = Purge Volume

Purge Volume Conversion Chart		
Well Diameter (in)	CF (gal/ft)	CF (gal/ft x 3)
1	0.0408	0.12
2	0.1632	0.49
4	0.6528	1.96

Purging Information

Purge Method: ✓ **Low Flow** ___ **3 Well Volume** ___**Other:**_____
Pump: __X_ **Submersible Pump (2-inch)** **Peristaltic** ___**Other:**_____
Pump intake depth (ft below TIC): 32 **Purge water discharged to:** ___ **Ground** ✓ **Drum** ___**Other:**_____
Tubing: ✓ **Polyethylene** ___ **Teflon-line** ___**Other.**

Time (HH:MM)	Temp (°C)	pH (pH units)	D.O. (mg/L)	Cond. (mS/cm)	ORP (mV)	DTW (feet)	Rate (mL/min)	Turbidity (NTU)	_____	Notes
09:45	18.20	6.87	7.95	1.038	18.7	24.50	100	370.0		Light orange
09:50	16.80	3.20	6.01	1.203	12.40	24.50	100	278.00		Light orange
09:55	16.70	6.87	5.81	1.219	10.50	24.50	100	128.00		Light yellow
10:00	16.60	6.88	5.79	1.278	11.60	24.50	100	92.00		Cloudy
10:05	16.60	6.89	5.78	1.230	12.9	24.50	100	67.4		"
10:10	16.70	6.89	5.76	1.234	14.1	24.50	100	55.5		"
10:15	16.60	6.89	5.66	1.236	18.3	24.50	100	50.4		"
10:20	16.70	6.89	5.66	1.236	16.6	24.50	100	43.1		"
10:25	16.70	6.90	5.64	1.239	17.0	24.50	100	39.5		"
10:30	16.70	6.90	5.63	1.241	18.0	24.50	100	37.4		"
10:35	16.70	6.90	5.57	1.242	18.6	24.50	100	32.6		"
10:40	16.70	6.90	5.58	1.240	16.8	24.50	100	29.8		"
10:45	16.7	6.91	5.57	1.242	16.4	24.50	100	25		"
10:50	16.9	6.91	5.49	1.245	20.1	24.50	100	24		Slightly Cloudy
10:55	16.8	6.91	5.54	1.248	19.4	24.50	100	23.4		"
11:00	16.8	6.91	5.54	1.246	21.5	24.50	100	21		"
11:05	16.8	6.91	5.56	1.251	19	24.50	100	21.6		"
11:42	16.7	6.92	5.44	1.257	25.2	24.50	100	220		**Post-sampling Measurements**

Total Volume Purged ~2.5 gal
Water Quality Meter(s) YSI ProQuattro, HACH 2100 Q
Temperaure Correction Factor

Sample Information

Groundwater Sample Field ID MW-3
Sampling Time 11:15 **Sampling End Time** 11:41 **DTW before Sampling** ___**24.5**_____
Sampling Method ___ **Bailer (type:**_____**)** _X__**Same as Above** **Other:**_____
Duplicate Sample Collected? Yes ____ **No** ✓
Sampling Observations

GROUNDWATER SAMPLING FORM

Well Number MW-4
State Permit No.
Project Name 205 Park Ave.
Project Number 12.0076834.10

Sampling Date 06/22/21
Weather 80 F Cloudy/Rain
Sampled by: ZS

Well Information

Well Type: ✓ **Monitor** ___**Other:**_____
Well Diameter 2 inches
Well Depth (ft below TIC) 35.00
Water Level (ft below TIC) 25.26
Well Notes (Odor, well condition, etc.)

Well Construction: ✓ **PVC** ___**Steel** ___**Other:**_____
Well Screened interval 25 to 35 feet below TIC
Well Headspace Reading (PID/FID) 0
Product Level-if present (ft below TIC)

Purge Volume

Depth to Bottom - Water Level = Water Column Height
Water Column Height X Conversion Factor = Purge Volume

Purge Volume Conversion Chart		
Well Diameter (in)	CF (gal/ft)	CF (gal/ft x 3)
1	0.0408	0.12
2	0.1632	0.49
4	0.6528	1.96

Purging Information

Purge Method: ✓ **Low Flow** ___ **3 Well Volume** ___**Other:**_____
Pump: _X__ **Submersible Pump (2-inch)** **Peristaltic** ___**Other:**_____
Pump intake depth (ft below TIC): 29 **Purge water discharged to:** ___ **Ground** ✓ **Drum** ___**Other:**_____
Tubing: ✓ **Polyethylene** ___ **Teflon-line** ___**Other.**

Time (HH:MM)	Temp (°C)	pH (pH units)	D.O. (mg/L)	Cond. (mS/cm)	ORP (mV)	DTW (feet)	Rate (mL/min)	Turbidity (NTU)	_____	Notes
13:25	16.60	7.36	5.57	0.946	44.1	25.30	300	133.0		
13:30	16.50	7.41	5.08	0.945	38.70	25.30	300.00	56.30		
13:35	16.30	7.43	5.04	0.926	36.70	25.30	280.00	32.10		
13:40	16.30	7.43	5.08	0.933	36.20	25.30	280.00	26.40		
13:45	16.30	7.42	4.99	0.931	36.0	25.30	280	22.7		
13:50	16.30	7.44	5.02	0.931	35.4	25.30	280	21.5		
13:55	16.30	7.43	5.05	0.933	35.9	25.30	280	17.2		
14:00	16.30	7.43	5.02	0.931	35.8	25.30	280	13.4		
14:05	16.30	7.43	5.02	0.933	35.7	25.30	280	12.5		
14:10	16.30	7.43	5.03	0.932	35.9	25.30	280	11.1		
14:15	16.30	7.43	5.03	0.931	35.9	25.30	280	8.2		
14:20	16.30	7.43	4.99	0.933	35.9	25.30	250	8		
14:25	16.30	7.43	5.03	0.931	35.9	25.30	250	7.62		
14:30	SAMPLE							13.4		
										Post-sampling Measurements

Total Volume Purged
Water Quality Meter(s) YSI ProQuattro, HACH 2100 Q
Temperaure Correction Factor

Sample Information

Groundwater Sample Field ID MW-4
Sampling Time 14:30 **Sampling End Time** 14:45 **DTW before Sampling** ___**25.30**_____
Sampling Method ___ **Bailer (type:**_____**)** _X__**Same as Above** **Other:**_____
Duplicate Sample Collected? Yes ____ **No** ✓
Sampling Observations

GROUNDWATER SAMPLING FORM

Well Number MW-5
State Permit No.
Project Name 205 Park Ave.
Project Number 12.0076834.10

Sampling Date 06/22/21
Weather Mostly cloudy/rain, 80s
Sampled by: LD

Well Information

Well Type: ✓ **Monitor** ___**Other:**_____
Well Construction: ✓ **PVC** ___**Steel** ___**Other:**_____
Well Diameter 1 inches
Well Screened interval 28 to 38 feet below TIC
Well Depth (ft below TIC) 38.62
Well Headspace Reading (PID/FID) 0
Water Level (ft below TIC) 29.25
Product Level-if present (ft below TIC)
Well Notes (Odor, well condition, etc.)

Purge Volume

Depth to Bottom - Water Level = Water Column Height
Water Column Height X Conversion Factor = Purge Volume

Purge Volume Conversion Chart		
Well Diameter (in)	CF (gal/ft)	CF (gal/ft x 3)
1	0.0408	0.12
2	0.1632	0.49
4	0.6528	1.96

Purging Information

Purge Method: ✓ **Low Flow** ___ **3 Well Volume** ___**Other:**_____
Pump: ___ **Submersible Pump (2-inch)** ✓ **Peristaltic** ___**Other:**_____
Pump intake depth (ft below TIC): 34 **Purge water discharged to:** ___ **Ground** ✓ **Drum** ___**Other:**_____
Tubing: ✓ **Polyethylene** ___ **Teflon-line** ___**Other**.

Time (HH:MM)	Temp (°C)	pH (pH units)	D.O. (mg/L)	Cond. (mS/cm)	ORP (mV)	DTW (feet)	Rate (mL/min)	Turbidity (NTU)	_____	Notes
13:55	19.30	7.84	7.21	17.2	130.3	-	200	OVER RANGE		Cloudy orange
14:00	-	-	-	-	-	-	-	-	-	Technical issues using peristaltic pump, could not start--called US Environmental to resolve issue
14:05	-	-	-	-	-	-	-	-	-	
14:10	-	-	-	-	-	-	-	-	-	
14:15	18.70	7.71	8.75	9.35	121.5	-	200	782		
14:20	18.60	7.68	7.55	555	114.7	-	200	338		
14:25	18.60	7.58	7.87	981	124.8	-	200	174		
14:30	18.80	7.58	8.91	980	82.7	-	200	161		
14:35	18.60	7.63	7.94	942	111.1	-	200	107		
14:40	18.60	7.63	7.35	940	111.3	-	200	62.1		
14:45	18.60	7.61	8.66	943	64.5	-	200	57.7		
14:50	18.70	7.66	8.81	942	95.3	-	200	47.5		
14:55	19	7.67	8.95	941	103.1	-	200	46.4		
15:00	18.5	7.86	8.29	939	103.8	-	200	68.7		
15:05	19.1	7.7	9.27	940	99.3	-	200	42		
15:10	18.7	7.67	8.67	944	105.3	-	200	30.4		
15:15	18.7	7.71	8.97	937	105.4	-	200	32.5		
15:20	18.7	7.76	7.88	938	106.3	-	200	32.5		
										Post-sampling Measurements

Total Volume Purged ~2 gallons
Water Quality Meter(s) YSI ProQuattro, HACH 2100 Q
Temperaure Correction Factor

Sample Information

Groundwater Sample Field ID MW-5
Sampling Time _____ **Sampling End Time** _____ **DTW before Sampling** 29.26
Sampling Method ___ **Bailer (type:**_____**)** ___**Same as Above** ✓ **Other:**_____
Duplicate Sample Collected? Yes ____ **No** ✓
Sampling Observations

*Note: DTW meter could not fit inside 1" well with the tubing at the same time

GROUNDWATER SAMPLING FORM

Well Number MW-6
State Permit No.
Project Name 205 Park Ave.
Project Number 12.0076834.10

Sampling Date 06/22/21
Weather Mostly cloudy/rain, 80s
Sampled by: LD

Well Information

Well Type: ✓ **Monitor** ___**Other:**_____
Well Construction: ✓ **PVC** ___**Steel** ___**Other:**_____
Well Diameter 2 inches
Well Screened interval 25 to 35 feet below TIC
Well Depth (ft below TIC) 35.00
Well Headspace Reading (PID/FID) 0.4
Water Level (ft below TIC)
Product Level-if present (ft below TIC)
Well Notes (Odor, well condition, etc.)

Purge Volume

Depth to Bottom - Water Level = Water Column Height
Water Column Height X Conversion Factor = Purge Volume

Purge Volume Conversion Chart		
Well Diameter (in)	CF (gal/ft)	CF (gal/ft x 3)
1	0.0408	0.12
2	0.1632	0.49
4	0.6528	1.96

Purging Information

Purge Method: ✓ **Low Flow** ___ **3 Well Volume** ___**Other:**_____
Pump: ✓ **Submersible Pump (2-inch)** ___ **Peristaltic** ___**Other:**_____
Pump intake depth (ft below T 30 **Purge water discharged to:** ___ **Ground** ✓ **Drum** ___**Other:**_____
Tubing: ✓ **Polyethylene** ___ **Teflon-line** ___**Othe .**

Time (HH:MM)	Temp (°C)	pH (pH units)	D.O. (mg/L)	Cond. (mS/cm)	ORP (mV)	DTW (feet)	Rate (mL/min)	Turbidity (NTU)	_____	Notes
9:05	17.10	6.62	11.44	991	102.9	23.96	150	415.0		Cloudy
9:10	17.10	6.64	7.05	990	113.6	23.96	150	325		
9:15	17.20	6.65	6.74	1012	115.9	23.96	150	220		
9:20	17.30	6.64	6.64	1027	116.6	23.96	150	176		
9:25	17.30	6.67	6.59	1022	116.1	23.96	150	144		
9:30	17.20	6.67	6.38	1030	116.3	23.96	150	120		Slightly cloudy
9:35	17.40	6.68	6.29	1011	113.5	23.96	150	119		
9:40	17.30	6.69	6.24	1020	113.6	23.96	150	101		
9:45	17.10	6.69	6.18	1025	113.6	23.96	150	91.4		
9:50	17.10	6.70	6.12	1028	112.8	23.96	150	66.1		
9:55	16.90	6.70	6.1	1020	113.0	23.96	150	58.9		
10:00	17.10	6.71	5.98	1014	112.1	23.96	150	55.2		
10:05	16.8	6.71	5.88	1030	110.6	23.96	150	24.2		
10:10	16.8	6.72	6.72	1022	109.7	23.96	150	45.6		
10:15	16.8	6.72	5.86	1018	109.5	23.96	150	38.4		
10:20	16.8	6.72	5.92	1020	109.2	23.96	150	33		
10:25	16.8	6.72	5.82	1014	109.1	23.96	150	33.5		
10:30	16.8	6.73	5.78	1020	108.7	23.96	150	30.4		
10:35	16.7	6.73	5.71	1016	109.2	23.96	150	34.5		
10:40	16.7	6.73	5.76	1021	109.8	23.96	150	27.2		
10:45	16.7	6.73	5.66	1022	110.0	23.96	150	26.1		
10:50	16.6	6.73	5.74	1019	110.5	23.96	150	25.1		Slightly clear
11:40	16.6	6.73	6.82	1028	101.3	23.96	150	12.6		**Post-sampling Measurements**

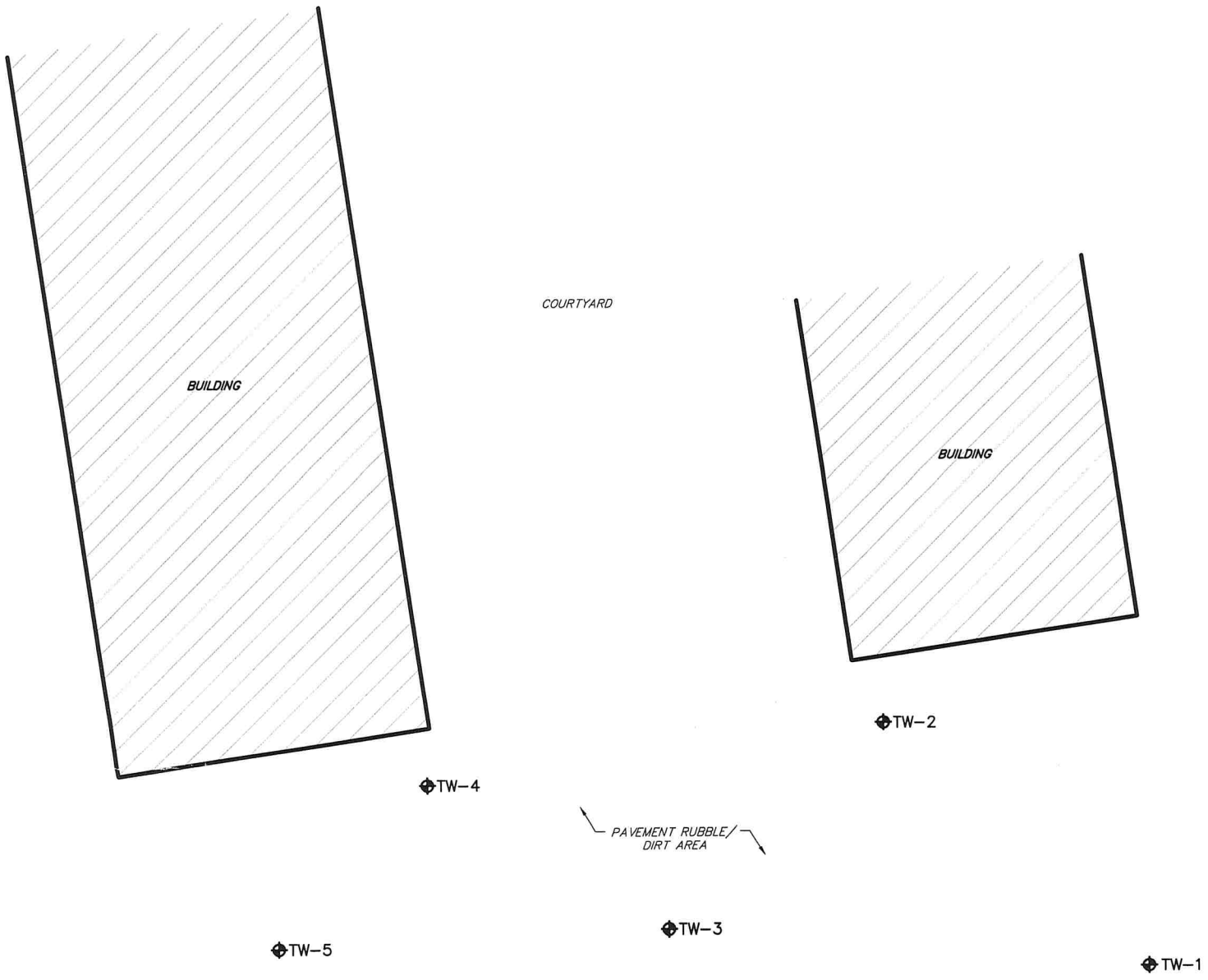
Total Volume Purged ~4 gallons
Water Quality Meter(s) YSI ProQuattro, HACH 2100 Q
Temperaure Correction Factor

Sample Information

Groundwater Sample Field ID MW-6
Sampling Time 10:55 **Sampling End Time** 11:39 **DTW before Sampling** 23.96
Sampling Method ___ **Bailer (type:**_____**)** ___**Same as Above** ✓ **Other:**_____
Duplicate Sample Collected? Yes ✓ **No** ____ DUP-1
Sampling Observations Clear

APPENDIX E WELL SURVEY DATA

MONITORING WELLS	GROUND	RIM	PVC
TW-1	29.54		30.67
TW-2	29.39		30.59
TW-3	29.28		30.38
TW-4	28.78		29.81
TW-5	29.86 PAVE		30.76



NY LI STATE PLANE
COORDINATE GRID NAD 1983

GRAPHIC SCALE

30 0 15 30

(IN FEET)
1 inch = 30 ft.

UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.

NOTES:

1. FIELD WORK PERFORMED ON JANUARY 8, 2020.
2. ELEVATION DATUM NAVD 1988 DERIVED USING LEICA GX1230+ GPS RECEIVERS AND KEYNET. CORS STATION: NYBP BATTERY PARK ELEV=57.21' (NAVD 1988 GEOID 12A)

DPK LAND SURVEYING

DPK LAND SURVEYING, LLC
220 OLD NEW BRUNSWICK RD-STE. 201, PISCATAWAY, NJ 08854
P:732-764-0100 F: 732-764-0990
NEW YORK CERTIFICATE OF AUTHORIZATION NO. 0012585

STATE OF NEW YORK
JAMES J. HEISER
050932-1
LICENSED LAND SURVEYOR

DATE 1/15/2020

James J. Heiser
Professional Land Surveyor
JHEISER@DPKCONSULTING.NET

N.J. Lic: 24GS04331100
PA. Lic: SU075616
N.Y. Lic: 050932-1
CT. Lic: 70476

MONITORING WELL LOCATION MAP

FOR:
GZA GEOENVIRONMENTAL INC.

SITE:

205 PARK AVENUE
BROOKLYN, NEW YORK

Scale	Dr.	Chk.	Date	
1"=30'	B.D.B.	J.J.H.	1/15/2020	
Job No.: 20-8688	Drawing File: 20-8688MW00			

DPK Land Surveying, LLC
220 Old New Brunswick Road Suite-201 Piscataway, New Jersey 08854
Telephone: 732.764.0100 Fax: 732.764.0990 Email: JHeiser@dpkconsulting.net

For: GZA GEOENVIRONMENTAL INC.
Site: 205 PARK AVENUE BROOKLYN, NEW YORK

Date of Survey: January 8, 2020
Project #20-8688

January 15, 2020

Horizontal Datum: NY LI STATE PLANE COORDINATE GRID NAD 83
Vertical Datum: NAVD 88
BENCHMARK: NYBP BATTERY PARK CORS ARP ELEV=57.21' (NAVD 1988 GEOID 12A)
Additional Comments:

	ELEVATIONS			COORDINATES			
MONITORING WELLS	GROUND	RIM	PVC	NORTHING	EASTING	LATITUDE (N)	LONGITUDE (W)
TW-1	29.54		30.67	192934.92	992390.48	40°41'46.45"	73°58'14.32"
TW-2	29.39		30.59	192981.08	992340.43	40°41'46.90"	73°58'14.97"
TW-3	29.28		30.38	192942.41	992299.63	40°41'46.52"	73°58'15.50"
TW-4	28.78		29.81	192969.47	992253.74	40°41'46.79"	73°58'16.09"
TW-5	29.86 PAVE		30.76	192939.03	992225.45	40°41'46.49"	73°58'16.46"

MONITORING WELLS	GROUND	RIM	PVC
MW-1	29.69' PAVE	29.68'	29.29'
MW-2	29.35'	29.40'	28.90'
MW-3	29.33'	29.51'	29.01'
MW-4	30.04'	30.22'	29.83'
MW-5	34.10' CONC.	34.05'	33.80'
MW-6	28.78'	28.76'	28.41'

GRAPHIC SCALE

30 0 15 30

(IN FEET)

1 inch = 30 ft.

UNAUTHORIZED ALTERATION OR ADDITION TO A SURVEY MAP BEARING A LICENSED LAND SURVEYOR'S SEAL IS A VIOLATION OF SECTION 7209, SUB-DIVISION 2, OF THE NEW YORK STATE EDUCATION LAW.

NOTES:

1. FIELD WORK PERFORMED ON JANUARY 8, 2020 AND JULY 2, 2021.
2. ELEVATION DATUM NAVD 1988 DERIVED USING LEICA GX1230+ GPS RECEIVERS AND KEYNET. CORS STATION: NYBP BATTERY PARK ELEV=57.21' (NAVD 1988 GEOID 12A)

REV	DATE	DESCRIPTION	BY	CHKD
1	07/02/21	SURVEY NEW MW-1, MW-2, MW-3, MW-4, MW5, MW-6, UPDATED FEATURES	D.Z.	J.J.H.

DPK LAND SURVEYING

DPK LAND SURVEYING, LLC
220 OLD NEW BRUNSWICK RD-STE. 201, PISCATAWAY, NJ 08854
P:732-764-0100 F: 732-764-0990
NEW YORK CERTIFICATE OF AUTHORIZATION NO. 0012585

James J. Heiser
Professional Land Surveyor
JHEISER@DPKCONSULTING.NET

DATE 7/2/2021

N.J. Lic: 24GS04331100
PA. Lic: SU075616
N.Y. Lic: 050932-1
CT. Lic: 70476

MONITORING WELL LOCATION MAP

FOR:

GZA GEOENVIRONMENTAL INC.

SITE:

205 PARK AVENUE
BROOKLYN, NEW YORK

Scale	Dr.	Chk.	Date
1"=30'	B.D.B.	J.J.H.	1/15/2020

Job No.: 20-8688 | Drawing File: 20-8688MW01

DPK Land Surveying, LLC
220 Old New Brunswick Road Suite-201 Piscataway, New Jersey 08854
Telephone: 732.764.0100 Fax: 732.764.0990 Email: JHeiser@dpkconsulting.net

For: GZA GEOENVIRONMENTAL INC.
Site: 205 PARK AVENUE BROOKLYN, NEW YORK

Date of Survey: July 2, 2021
Project #20-8688 July 6, 2021
Horizontal Datum: NY LI STATE PLANE COORDINATE GRID NAD 83
Vertical Datum: NAVD 88
BENCHMARK: NYBP BATTERY PARK CORS ARP ELEV=57.21' (NAVD 1988 GEOID 12A)
Additional Comments:

	ELEVATIONS			COORDINATES			
MONITORING WELLS	GROUND	RIM	PVC	NORTHING	EASTING	LATITUDE (N)	LONGITUDE (W)
MW-1	29.69' PAVE	29.68'	29.29'	192928.97	992391.26	40°41'46.39"	73°58'14.31"
MW-2	29.35'	29.40'	28.90'	192945.08	992287.72	40°41'46.55"	73°58'15.65"
MW-3	29.33'	29.51'	29.01'	192976.95	992336.13	40°41'46.86"	73°58'15.02"
MW-4	30.04'	30.22'	29.83'	192960.04	992204.98	40°41'46.69"	73°58'16.72"
MW-5	34.10' CONC.	34.05'	33.80'	192940.47	992195.90	40°41'46.50"	73°58'16.84"
MW-6	28.78'	28.76'	28.41'	192984.42	992364.17	40°41'46.93"	73°58'14.66"

APPENDIX F SOIL VAPOR LOGS

Soil vapor Sampling Log

GZA Engineer:	Nicolette Albanese/Paul Benya	Contractor/Lab:	Alpha Analytical	Page	1 of 1
Project Name:	205 Park Avenue, Brooklyn	Analytic Method:	TO-15	Date:	01-08,09-2020
PM:	Zhan Shu			File No.	12.0076834.10
Weather:	30s-40s °F Cloudy	PID:	MiniRae 3000 Lamp: 10.6 eV		
Barometric Press.	29.88/29.93 in Hg(1/8/20 AM/PM); 30.74 in Hg (1/9/20 AM)				

Sample ID	Sample Depth (ft)	Surface Cover	Driving Effort	PID Reading (ppm)	Purge Time		He in Tedlar Bag	He in Shroud	Sample Date- Start	Sample Time-Start	Vacuum Pressure-Start	Sample Time-End	Vaccuum Pressure-Stop	Canister ID	Flow Controller ID	Sample Flow Rate (l/min)
					Purge Start	Purge Stop										
SG-1(20-21')	20-21'	Soil	N/A	0.4	09:52	09:58	975 ppm	85.3%	1/9/2020	10:08	-31.74	12:23	-4.04	3256	0396	40.0
SG-2(5-6')	5-6'	Soil	N/A	0.4	08:32	08:37	825 ppm	85%	1/8/2020	08:58	-30.38	10:54	-4.03	3125	0735	40.0
SG-2(20-21')	20-21'	Soil	N/A	0.6	10:32	10:39	1225 ppm	85.4%	1/9/2020	10:47	-31.11	12:20	-2.77	2881	01436	40.0
SG-3(20-21')	20-21'	Soil	N/A	0.3	12:01	12:08	750 ppm	85.7%	1/8/2020	12:13	-30.51	14:22	-2.85	1904	01171	40.0
SG-4(20-21')	**Sample SG-4(20-21') not collected due to accidental removal of soil vapor implant by subcontractor.**															
SG-5(20-21')	20-21'	Soil	N/A	0.6	11:04	11:10	175 ppm	85.3%	1/8/2020	11:29	-30.47	13:10	-4.32	3392	01081	40.0
SG-6(20-21')	20-21'	Asphalt	N/A	0.9	10:21	10:27	100 ppm	85%	1/8/2020	10:35	-30.25	12:27	-4.30	920	01502	40.0
SG-7(20-21')	20-21'	Asphalt	N/A	0.8	09:48	09:53	200 ppm	85.5%	1/8/2020	10:04	-29.90	12:01	-4.40	1522	01497	40.0
SG-8(5-6')	5-6'	Asphalt	N/A	0.3	09:18	09:23	175 ppm	85%	1/8/2020	09:35	-29.94	11:44	-3.98	2625	0646	40.0
SG-8(20-21')	20-21'	Asphalt	N/A	1.8	11:13	11:19	275 ppm	85.1%	1/9/2020	11:30	-31.23	13:24	-3.92	2675	0109	40.0
*DUP1SG(1-8-20)20-21'	20-21'	Asphalt	N/A	0.9	10:21	10:27	100 ppm	85%	1/8/2020	12:29	-30.41	14:33	-4.51	2829	0714	40.0

ABBREVIATIONS

CONTAINER TYPE	SURFACE COVER	PROBE DRIVING EFFORT
TB- Tedlar Bag	G/L- Grass/Loam	Easy
SC- Suma Canister	Asph- Asphalt	Moderate
ST- Sorbant Tube	Cncrt- Concrete	Difficult
Other:	Other:	Other:

Remarks:

*Sample DUP1SG(1-8-20)20-21' collected at SG-6 soil vapor point location.

GZA Engineer:	Paul Benya	Contractor/Lab:	Alpha Analytical	Page	1 of 1
Project Name:	205 Park Avenue, Brooklyn	Analytic Method:	TO-15	Date:	June 15th and 18th, 2021
PM:	Zhan Shu			File No.	12.0076834.10
Weather:	70's-80s F Sunny	PID:	MiniRae 3000 Lamp: 10.6 eV		
Barometric Press.					

Sample ID	Sample Depth (ft)	Surface Cover	Driving Effort	PID Reading (ppm)	Purge Time		He in Tedlar Bag	He in Shroud	Sample Date- Start	Sample Time- Start	Vacuum Pressure- Start	Sample Time- End	Vaccuum Pressure- Stop	Canister ID	Flow Controller ID	Sample Flow Rate (l/min)
					Purge Start	Purge Stop										
SV-1	24	Asphalt	M	2.8	10:19	10:25	0%	75%	6/15/2021	10:33	-29.55	12:47	-4.64	412	1347	18.7
DUP-1	24	Asphalt	M	2.8	10:19	10:25	0%	75%	6/15/2021	12:50	-30.06	15:00	-4.27	362	1263	18.7
AA-1	-	-	-	-	-	-		-	6/18/2021	10:00	-29.8	12:05	-4.25	2017	1541	18
SV-2	28	Concrete	M	2	11:00	11:06	700 ppm	75%	6/18/2021	11:17	-30.33	13:32	-4.47	249	1876	18.7

ABBREVIATIONS

CONTAINER TYPE	SURFACE COVER	PROBE DRIVING EFFORT
TB- Tedlar Bag	G/L- Grass/Loam	Easy
SC- Suma Canister	Asph- Asphalt	Moderate
ST- Sorbant Tube	Cncrt- Concrete	Difficult
Other:	Other:	Other:

Remarks:

APPENDIX G COMMUNITY AIR MONITORING DATA

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530153111
Firmware Version	3.9
Calibration Date	8/17/2020
Test Name	MANUAL_001
Test Start Time	9:03:09 AM
Test Start Date	6/18/2021
Test Length [D:H:M]	0:05:00
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.1
Mass Minimum [mg/m3]	0
Mass Maximum [mg/m3]	7.5
Mass TWA [mg/m3]	0.062
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	300

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.07		
120	0		
180	0.041		
240	0.069		
300	0.051		
360	0.023		
420	0.035		
480	0.024		
540	0.017		
600	0.064		
660	0.026		
720	0.023		
780	0.031		
840	0.025		
900	0.024		
960	0.045		
1020	0.022		
1080	0.105		
1140	0.047		
1200	0.026		
1260	0.06		
1320	0.267		
1380	0.126		
1440	0.089		
1500	0.112		
1560	0.061		
1620	0.286		
1680	0.053		
1740	0.084		
1800	0.534		
1860	0.246		
1920	0.06		
1980	0.286		
2040	0.057		
2100	0.036		
2160	0.021		
2220	0.021		
2280	0.019		
2340	0.021		
2400	0.024		
2460	0.032		
2520	0.036		
2580	0.075		
2640	0.25		
2700	0.049		
2760	0.117		
2820	0.139		
2880	0.065		
2940	0.049		
3000	0.063		
3060	0.064		
3120	0.067		
3180	0.069		

3240	0.031
3300	0.051
3360	0.117
3420	0.033
3480	0.034
3540	0.026
3600	0.028
3660	0.027
3720	0.034
3780	0.039
3840	0.029
3900	0.021
3960	0.026
4020	0.028
4080	0.031
4140	0.082
4200	0.061
4260	7.5
4320	0.093
4380	0.052
4440	2.68
4500	0.038
4560	0.069
4620	0.057
4680	0.049
4740	0.05
4800	0.035
4860	0.068
4920	0.021
4980	0.028
5040	0.024
5100	0.02
5160	0.021
5220	0.022
5280	0.021
5340	0.02
5400	0.02
5460	0.022
5520	0.025
5580	0.022
5640	0.023
5700	0.02
5760	0.025
5820	0.018
5880	0.02
5940	0.111
6000	0.026
6060	0.017
6120	0.036
6180	0.055
6240	0.07
6300	0.035
6360	0.026
6420	0.022
6480	0.129
6540	0.065
6600	0.039
6660	0.04
6720	0.04
6780	0.14
6840	0.017
6900	0.016
6960	0.03
7020	0.066
7080	0.058
7140	0.069
7200	0.05
7260	0.068
7320	0.056
7380	0.016
7440	0.015
7500	0.014
7560	0.017

7620	0.058
7680	0.027
7740	0.064
7800	0.047
7860	0.059
7920	0.035
7980	0.031
8040	0.026
8100	0.018
8160	0.019
8220	0.026
8280	0.02
8340	0.021
8400	0.032
8460	0.015
8520	0.019
8580	0.022
8640	0.014
8700	0.016
8760	1.47
8820	4.68
8880	0.194
8940	0.029
9000	0.038
9060	0.029
9120	0.02
9180	0.015
9240	0.022
9300	0.016
9360	0.042
9420	0.038
9480	0.942
9540	0.071
9600	0.073
9660	0.056
9720	0.029
9780	0.025
9840	0.06
9900	0.023
9960	0.05
10020	0.076
10080	0.027
10140	0.019
10200	0.024
10260	0.016
10320	0.019
10380	0.02
10440	0.028
10500	0.024
10560	0.023
10620	0.019
10680	0.025
10740	0.024
10800	0.023
10860	0.022
10920	0.028
10980	0.031
11040	0.027
11100	0.056
11160	0.03
11220	0.051
11280	0.041
11340	0.027
11400	0.021
11460	0.02
11520	0.021
11580	0.02
11640	0.025
11700	0.03
11760	0.025
11820	0.025
11880	0.034
11940	0.03

12000	0.023
12060	0.03
12120	0.021
12180	0.021
12240	0.025
12300	0.026
12360	0.04
12420	0.036
12480	0.038
12540	0.021
12600	0.025
12660	0.021
12720	0.024
12780	0.023
12840	0.025
12900	0.021
12960	0.022
13020	0.021
13080	0.019
13140	0.019
13200	0.02
13260	0.019
13320	0.022
13380	0.04
13440	0.025
13500	0.019
13560	0.029
13620	0.022
13680	0.031
13740	0.023
13800	0.03
13860	0.022
13920	0.021
13980	0.023
14040	0.03
14100	0.037
14160	0.036
14220	0.019
14280	0.025
14340	0.025
14400	0.032
14460	0.034
14520	0.049
14580	0.021
14640	0.019
14700	0.024
14760	0.02
14820	0.068
14880	0.02
14940	0.027
15000	0.025
15060	0.029
15120	0.022
15180	0.02
15240	0.033
15300	0.082
15360	0.071
15420	0.023
15480	0.023
15540	0.025
15600	0.023
15660	0.023
15720	0.019
15780	0.019
15840	0.021
15900	0.019
15960	0.04
16020	0.022
16080	0.021
16140	0.042
16200	0.031
16260	0.033
16320	0.021

16380	0.02
16440	0.022
16500	0.031
16560	0.034
16620	0.049
16680	0.03
16740	0.024
16800	0.019
16860	0.023
16920	0.053
16980	0.036
17040	0.024
17100	0.023
17160	0.027
17220	0.025
17280	0.022
17340	0.021
17400	0.02
17460	0.02
17520	0.024
17580	0.029
17640	0.021
17700	0.029
17760	0.122
17820	0.051
17880	0.164
17940	0.058
18000	0.024

Instrument Name	DustTrak II
Model Number	8530
Serial Number	8530153111
Firmware Version	3.9
Calibration Date	8/17/2020
Test Name	MANUAL_002
Test Start Time	8:40:57 AM
Test Start Date	6/22/2021
Test Length [D:H:M]	0:05:23
Test Interval [M:S]	1:00
Mass Average [mg/m3]	0.028
Mass Minimum [mg/m3]	0.01
Mass Maximum [mg/m3]	0.158
Mass TWA [mg/m3]	0.019
Photometric User Cal	1
Flow User Cal	0
Errors	
Number of Samples	323

Elapsed Time [s]	Mass [mg/m3]	Alarms	Errors
60	0.077		
120	0.04		
180	0.037		
240	0.043		
300	0.034		
360	0.044		
420	0.04		
480	0.043		
540	0.039		
600	0.038		
660	0.035		
720	0.037		
780	0.041		
840	0.043		
900	0.044		
960	0.047		
1020	0.035		
1080	0.037		
1140	0.111		
1200	0.046		
1260	0.04		
1320	0.057		
1380	0.038		
1440	0.042		
1500	0.035		
1560	0.034		
1620	0.037		
1680	0.037		
1740	0.038		
1800	0.039		
1860	0.046		
1920	0.038		
1980	0.041		
2040	0.046		
2100	0.049		
2160	0.044		
2220	0.158		
2280	0.041		
2340	0.04		
2400	0.037		
2460	0.036		
2520	0.047		
2580	0.037		
2640	0.036		
2700	0.035		
2760	0.035		
2820	0.04		
2880	0.039		
2940	0.034		
3000	0.036		
3060	0.037		
3120	0.035		
3180	0.036		
3240	0.04		
3300	0.041		
3360	0.042		
3420	0.044		
3480	0.04		
3540	0.039		
3600	0.041		
3660	0.038		
3720	0.042		
3780	0.042		
3840	0.044		
3900	0.043		
3960	0.038		
4020	0.037		

4080	0.043
4140	0.038
4200	0.046
4260	0.039
4320	0.04
4380	0.04
4440	0.039
4500	0.04
4560	0.04
4620	0.037
4680	0.038
4740	0.036
4800	0.038
4860	0.04
4920	0.051
4980	0.038
5040	0.042
5100	0.038
5160	0.048
5220	0.041
5280	0.035
5340	0.035
5400	0.039
5460	0.034
5520	0.034
5580	0.033
5640	0.078
5700	0.058
5760	0.075
5820	0.098
5880	0.034
5940	0.035
6000	0.031
6060	0.04
6120	0.029
6180	0.028
6240	0.033
6300	0.033
6360	0.028
6420	0.036
6480	0.056
6540	0.026
6600	0.027
6660	0.027
6720	0.025
6780	0.022
6840	0.022
6900	0.032
6960	0.021
7020	0.021
7080	0.021
7140	0.032
7200	0.025
7260	0.025
7320	0.021
7380	0.023
7440	0.023
7500	0.022
7560	0.022
7620	0.022
7680	0.021
7740	0.024
7800	0.03
7860	0.023
7920	0.022
7980	0.021
8040	0.021
8100	0.021
8160	0.029
8220	0.021
8280	0.02
8340	0.019
8400	0.02
8460	0.022
8520	0.023
8580	0.025
8640	0.021
8700	0.02
8760	0.022
8820	0.021
8880	0.039
8940	0.024
9000	0.029
9060	0.024
9120	0.019
9180	0.022
9240	0.022

9300	0.023
9360	0.025
9420	0.026
9480	0.025
9540	0.026
9600	0.021
9660	0.021
9720	0.022
9780	0.021
9840	0.019
9900	0.021
9960	0.019
10020	0.019
10080	0.024
10140	0.022
10200	0.025
10260	0.022
10320	0.028
10380	0.034
10440	0.027
10500	0.029
10560	0.025
10620	0.019
10680	0.02
10740	0.024
10800	0.023
10860	0.019
10920	0.026
10980	0.021
11040	0.018
11100	0.02
11160	0.022
11220	0.021
11280	0.022
11340	0.041
11400	0.028
11460	0.017
11520	0.018
11580	0.018
11640	0.022
11700	0.019
11760	0.025
11820	0.028
11880	0.02
11940	0.021
12000	0.018
12060	0.018
12120	0.021
12180	0.023
12240	0.018
12300	0.02
12360	0.021
12420	0.017
12480	0.02
12540	0.019
12600	0.018
12660	0.017
12720	0.027
12780	0.021
12840	0.028
12900	0.024
12960	0.018
13020	0.018
13080	0.03
13140	0.027
13200	0.021
13260	0.021
13320	0.018
13380	0.017
13440	0.019
13500	0.019
13560	0.022
13620	0.021
13680	0.021
13740	0.019
13800	0.023
13860	0.026
13920	0.024
13980	0.023
14040	0.021
14100	0.03
14160	0.022
14220	0.025
14280	0.022
14340	0.023
14400	0.019
14460	0.021

14520	0.023
14580	0.023
14640	0.02
14700	0.019
14760	0.02
14820	0.02
14880	0.018
14940	0.019
15000	0.02
15060	0.021
15120	0.019
15180	0.02
15240	0.018
15300	0.02
15360	0.019
15420	0.018
15480	0.018
15540	0.021
15600	0.021
15660	0.019
15720	0.02
15780	0.019
15840	0.016
15900	0.021
15960	0.017
16020	0.017
16080	0.017
16140	0.017
16200	0.017
16260	0.016
16320	0.016
16380	0.017
16440	0.017
16500	0.016
16560	0.016
16620	0.015
16680	0.017
16740	0.018
16800	0.02
16860	0.019
16920	0.015
16980	0.016
17040	0.018
17100	0.014
17160	0.028
17220	0.025
17280	0.016
17340	0.014
17400	0.013
17460	0.015
17520	0.012
17580	0.013
17640	0.012
17700	0.011
17760	0.037
17820	0.011
17880	0.011
17940	0.011
18000	0.013
18060	0.01
18120	0.019
18180	0.013
18240	0.015
18300	0.014
18360	0.011
18420	0.01
18480	0.011
18540	0.011
18600	0.013
18660	0.013
18720	0.013
18780	0.037
18840	0.019
18900	0.03
18960	0.02
19020	0.015
19080	0.023
19140	0.02
19200	0.012
19260	0.01
19320	0.012
19380	0.011

6/18/2021

Time	PID Readings (ppm)
7:00	0.0
7:15	0.0
7:30	0.0
7:45	0.0
8:00	0.0
8:15	0.0
8:30	0.0
8:45	0.0
9:00	0.0
9:15	0.0
9:30	0.0
9:45	0.0
10:00	0.0
10:15	0.0
10:30	0.0
10:45	0.0
11:00	0.0
11:15	0.0
11:30	0.0
11:45	0.0
12:00	0.0
12:15	0.0
12:30	0.0
12:45	0.0
13:00	0.0
13:15	0.0
13:30	0.0
13:45	0.0
14:00	0.0
14:15	0.0
14:30	0.0
14:45	0.0
15:00	0.0
15:15	0.0
15:30	0.0
15:45	0.0
16:00	0.0
16:15	0.0
16:30	0.0
16:45	0.0
17:00	0.0
17:15	0.0
17:30	0.0
17:45	0.0

6/22/2021

Time	PID Readings (ppm)
8:30	0.0
8:45	0.0
9:00	0.0
9:15	0.1
9:30	0.0
9:45	0.0
10:00	0.0
10:15	0.0
10:30	0.0
10:45	0.0
11:00	0.0
11:15	0.0
11:30	0.0
11:45	0.0
12:00	0.0
12:15	0.0
12:30	0.0
12:45	0.0
13:00	0.0
13:15	0.0
13:30	0.0
13:45	0.0
14:00	0.0
14:15	0.0
14:30	0.0
14:45	0.0
15:00	0.1
15:15	0.0
15:30	0.0
15:45	0.0
16:00	0.0
16:15	0.0
16:30	0.0
16:45	0.1
17:00	0.1
17:15	0.0
17:30	0.0
17:45	0.0

APPENDIX H LABORATORY ANALYTICAL DATA

ANALYTICAL REPORT

Lab Number:	L2000632
Client:	GZA GeoEnvironmental, Inc. 55 Lane Road Suite 407 Fairfield, NJ 07004
ATTN:	Zhan Shu
Phone:	(201) 744-0118
Project Name:	205 PARK AVE
Project Number:	12.0076834.10
Report Date:	01/14/20

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2000632-01	SB-2 (3.5-4')	SOIL	BROOKLYN, NY	01/07/20 13:45	01/07/20
L2000632-02	SB-2 (16-16.5')	SOIL	BROOKLYN, NY	01/07/20 13:50	01/07/20
L2000632-03	SB-3 (7-7.5')	SOIL	BROOKLYN, NY	01/07/20 13:10	01/07/20
L2000632-04	SB-3 (15-15.5')	SOIL	BROOKLYN, NY	01/07/20 13:15	01/07/20
L2000632-05	SB-6 (5.5-6')	SOIL	BROOKLYN, NY	01/07/20 11:55	01/07/20
L2000632-06	SB-6 (15.5-16')	SOIL	BROOKLYN, NY	01/07/20 12:00	01/07/20
L2000632-07	SB-7 (6-6.5')	SOIL	BROOKLYN, NY	01/07/20 10:40	01/07/20
L2000632-08	SB-7 (15-15.5')	SOIL	BROOKLYN, NY	01/07/20 10:50	01/07/20
L2000632-09	SB-9 (3.5-4')	SOIL	BROOKLYN, NY	01/07/20 08:10	01/07/20
L2000632-10	SB-9 (15-15.5')	SOIL	BROOKLYN, NY	01/07/20 08:25	01/07/20
L2000632-11	SB-10 (2-2.5')	SOIL	BROOKLYN, NY	01/07/20 09:50	01/07/20
L2000632-12	SB-10 (15-15.5')	SOIL	BROOKLYN, NY	01/07/20 10:00	01/07/20
L2000632-13	DUP1S (1-7-20)	SOIL	BROOKLYN, NY	01/07/20 09:55	01/07/20
L2000632-14	DUP2S (1-7-20)	SOIL	BROOKLYN, NY	01/07/20 12:05	01/07/20

Project Name:	205 PARK AVE	**Lab Number:**	L2000632
Project Number:	12.0076834.10	**Report Date:**	01/14/20

Case Narrative

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

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

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

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

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

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

Project Name:	205 PARK AVE	**Lab Number:**	L2000632
Project Number:	12.0076834.10	**Report Date:**	01/14/20

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2000632-01 through -14: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1328111-3 MS recoveries for aluminum (577%) and iron (1050%), performed on L2000632-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

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

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 01/14/20

ORGANICS

VOLATILES

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-01
Client ID: SB-2 (3.5-4')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 13:45
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/09/20 17:54
Analyst: MV
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.91	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.91	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.91	0.11	1
Dibromochloromethane	ND		ug/kg	0.91	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.91	0.24	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.63	1
1,2-Dichloroethane	ND		ug/kg	0.91	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.91	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.91	0.50	1
Ethylbenzene	ND		ug/kg	0.91	0.13	1
Chloromethane	ND		ug/kg	3.6	0.85	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.91	0.30	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.91	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-01
Client ID: SB-2 (3.5-4')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 13:45
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.46	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.91	0.26	1
Xylenes, Total	ND		ug/kg	0.91	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.91	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.91	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.91	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.1	0.84	1
Acetone	ND		ug/kg	9.1	4.4	1
Carbon disulfide	ND		ug/kg	9.1	4.2	1
2-Butanone	ND		ug/kg	9.1	2.0	1
Vinyl acetate	ND		ug/kg	9.1	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.1	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.1	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.91	0.25	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.91	0.15	1
sec-Butylbenzene	ND		ug/kg	0.91	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.91	1
Hexachlorobutadiene	ND		ug/kg	3.6	0.15	1
Isopropylbenzene	ND		ug/kg	0.91	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.91	0.10	1
Naphthalene	ND		ug/kg	3.6	0.59	1
Acrylonitrile	ND		ug/kg	3.6	1.0	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-01
Client ID: SB-2 (3.5-4')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 13:45
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.91	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	73	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	99		70-130

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-02
Client ID: SB-2 (16-16.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 13:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/09/20 18:22
Analyst: MV
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-02
Client ID: SB-2 (16-16.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 13:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-02
Client ID: SB-2 (16-16.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 13:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	84	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	98		70-130

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-03
Client ID: SB-3 (7-7.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 13:10
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/09/20 18:49
Analyst: MV
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.2	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.84	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.84	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.84	0.10	1
Dibromochloromethane	ND		ug/kg	0.84	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.84	0.22	1
Tetrachloroethene	ND		ug/kg	0.42	0.16	1
Chlorobenzene	ND		ug/kg	0.42	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.58	1
1,2-Dichloroethane	ND		ug/kg	0.84	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.42	0.14	1
Bromodichloromethane	ND		ug/kg	0.42	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.84	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.42	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	0.42	0.13	1
1,1-Dichloropropene	ND		ug/kg	0.42	0.13	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.42	0.14	1
Benzene	ND		ug/kg	0.42	0.14	1
Toluene	ND		ug/kg	0.84	0.46	1
Ethylbenzene	ND		ug/kg	0.84	0.12	1
Chloromethane	ND		ug/kg	3.4	0.78	1
Bromomethane	ND		ug/kg	1.7	0.49	1
Vinyl chloride	ND		ug/kg	0.84	0.28	1
Chloroethane	ND		ug/kg	1.7	0.38	1
1,1-Dichloroethene	ND		ug/kg	0.84	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-03
Client ID: SB-3 (7-7.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 13:10
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.42	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.47	1
o-Xylene	ND		ug/kg	0.84	0.24	1
Xylenes, Total	ND		ug/kg	0.84	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.84	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.84	0.12	1
Dibromomethane	ND		ug/kg	1.7	0.20	1
Styrene	ND		ug/kg	0.84	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.4	0.77	1
Acetone	ND		ug/kg	8.4	4.0	1
Carbon disulfide	ND		ug/kg	8.4	3.8	1
2-Butanone	ND		ug/kg	8.4	1.9	1
Vinyl acetate	ND		ug/kg	8.4	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.4	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.7	0.11	1
2-Hexanone	ND		ug/kg	8.4	0.99	1
Bromochloromethane	ND		ug/kg	1.7	0.17	1
2,2-Dichloropropane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.84	0.23	1
1,3-Dichloropropane	ND		ug/kg	1.7	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.42	0.11	1
Bromobenzene	ND		ug/kg	1.7	0.12	1
n-Butylbenzene	ND		ug/kg	0.84	0.14	1
sec-Butylbenzene	ND		ug/kg	0.84	0.12	1
tert-Butylbenzene	ND		ug/kg	1.7	0.10	1
o-Chlorotoluene	ND		ug/kg	1.7	0.16	1
p-Chlorotoluene	ND		ug/kg	1.7	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.84	1
Hexachlorobutadiene	ND		ug/kg	3.4	0.14	1
Isopropylbenzene	ND		ug/kg	0.84	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.84	0.09	1
Naphthalene	ND		ug/kg	3.4	0.55	1
Acrylonitrile	ND		ug/kg	3.4	0.97	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-03
Client ID: SB-3 (7-7.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 13:10
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.84	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.28	1
1,4-Dioxane	ND		ug/kg	67	30.	1
p-Diethylbenzene	ND		ug/kg	1.7	0.15	1
p-Ethyltoluene	ND		ug/kg	1.7	0.32	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.7	0.16	1
Ethyl ether	ND		ug/kg	1.7	0.29	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.2	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	99		70-130

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-04
Client ID: SB-3 (15-15.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 13:15
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/09/20 19:17
Analyst: MV
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.92	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.92	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.92	0.11	1
Dibromochloromethane	ND		ug/kg	0.92	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.92	0.24	1
Tetrachloroethene	ND		ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.92	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.92	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.14	1
Bromoform	ND		ug/kg	3.7	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.92	0.50	1
Ethylbenzene	ND		ug/kg	0.92	0.13	1
Chloromethane	ND		ug/kg	3.7	0.85	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.92	0.31	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.92	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-04
Client ID: SB-3 (15-15.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 13:15
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.46	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	0.18	J	ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.92	0.27	1
Xylenes, Total	ND		ug/kg	0.92	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.92	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.92	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.92	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.2	0.84	1
Acetone	5.0	J	ug/kg	9.2	4.4	1
Carbon disulfide	ND		ug/kg	9.2	4.2	1
2-Butanone	ND		ug/kg	9.2	2.0	1
Vinyl acetate	ND		ug/kg	9.2	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.2	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.2	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.92	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.92	0.15	1
sec-Butylbenzene	ND		ug/kg	0.92	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.18	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.91	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.15	1
Isopropylbenzene	ND		ug/kg	0.92	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.92	0.10	1
Naphthalene	ND		ug/kg	3.7	0.60	1
Acrylonitrile	ND		ug/kg	3.7	1.0	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-04
Client ID: SB-3 (15-15.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 13:15
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.92	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
1,4-Dioxane	ND		ug/kg	73	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.18	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	99		70-130

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-05
Client ID: SB-6 (5.5-6')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 11:55
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/09/20 19:44
Analyst: MV
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.1	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.83	0.12	1
Chloroform	ND		ug/kg	1.2	0.12	1
Carbon tetrachloride	ND		ug/kg	0.83	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.83	0.10	1
Dibromochloromethane	ND		ug/kg	0.83	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.83	0.22	1
Tetrachloroethene	ND		ug/kg	0.41	0.16	1
Chlorobenzene	ND		ug/kg	0.41	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.3	0.58	1
1,2-Dichloroethane	ND		ug/kg	0.83	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.41	0.14	1
Bromodichloromethane	ND		ug/kg	0.41	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.83	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.41	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	0.41	0.13	1
1,1-Dichloropropene	ND		ug/kg	0.41	0.13	1
Bromoform	ND		ug/kg	3.3	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.41	0.14	1
Benzene	ND		ug/kg	0.41	0.14	1
Toluene	ND		ug/kg	0.83	0.45	1
Ethylbenzene	ND		ug/kg	0.83	0.12	1
Chloromethane	ND		ug/kg	3.3	0.77	1
Bromomethane	ND		ug/kg	1.6	0.48	1
Vinyl chloride	ND		ug/kg	0.83	0.28	1
Chloroethane	ND		ug/kg	1.6	0.38	1
1,1-Dichloroethene	ND		ug/kg	0.83	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-05
Client ID: SB-6 (5.5-6')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 11:55
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.41	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.6	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.6	0.17	1
p/m-Xylene	ND		ug/kg	1.6	0.46	1
o-Xylene	ND		ug/kg	0.83	0.24	1
Xylenes, Total	ND		ug/kg	0.83	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.83	0.14	1
1,2-Dichloroethene, Total	ND		ug/kg	0.83	0.11	1
Dibromomethane	ND		ug/kg	1.6	0.20	1
Styrene	ND		ug/kg	0.83	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.3	0.76	1
Acetone	ND		ug/kg	8.3	4.0	1
Carbon disulfide	ND		ug/kg	8.3	3.8	1
2-Butanone	ND		ug/kg	8.3	1.8	1
Vinyl acetate	ND		ug/kg	8.3	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.3	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.6	0.10	1
2-Hexanone	ND		ug/kg	8.3	0.98	1
Bromochloromethane	ND		ug/kg	1.6	0.17	1
2,2-Dichloropropane	ND		ug/kg	1.6	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.83	0.23	1
1,3-Dichloropropane	ND		ug/kg	1.6	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.41	0.11	1
Bromobenzene	ND		ug/kg	1.6	0.12	1
n-Butylbenzene	ND		ug/kg	0.83	0.14	1
sec-Butylbenzene	ND		ug/kg	0.83	0.12	1
tert-Butylbenzene	ND		ug/kg	1.6	0.10	1
o-Chlorotoluene	ND		ug/kg	1.6	0.16	1
p-Chlorotoluene	ND		ug/kg	1.6	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.83	1
Hexachlorobutadiene	ND		ug/kg	3.3	0.14	1
Isopropylbenzene	ND		ug/kg	0.83	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.83	0.09	1
Naphthalene	ND		ug/kg	3.3	0.54	1
Acrylonitrile	ND		ug/kg	3.3	0.95	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-05
Client ID: SB-6 (5.5-6')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 11:55
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.83	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.6	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.6	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.6	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.6	0.28	1
1,4-Dioxane	ND		ug/kg	66	29.	1
p-Diethylbenzene	ND		ug/kg	1.6	0.15	1
p-Ethyltoluene	ND		ug/kg	1.6	0.32	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.6	0.16	1
Ethyl ether	ND		ug/kg	1.6	0.28	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.1	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	101		70-130

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-06
Client ID: SB-6 (15.5-16')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 12:00
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/09/20 20:12
Analyst: MV
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.16	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.53	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-06
Client ID: SB-6 (15.5-16')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 12:00
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.5	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.22	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.5	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.77	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-06
Client ID: SB-6 (15.5-16')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 12:00
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.39	1
1,4-Dioxane	ND		ug/kg	95	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.45	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.22	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	101		70-130

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-07
Client ID: SB-7 (6-6.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 10:40
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/09/20 20:39
Analyst: MV
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	0.99	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	0.99	0.23	1
1,2-Dichloropropane	ND		ug/kg	0.99	0.12	1
Dibromochloromethane	ND		ug/kg	0.99	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.99	0.26	1
Tetrachloroethene	ND		ug/kg	0.50	0.19	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	0.99	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.16	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	0.99	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	0.99	0.54	1
Ethylbenzene	ND		ug/kg	0.99	0.14	1
Chloromethane	ND		ug/kg	4.0	0.92	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	0.99	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	0.99	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-07
Client ID: SB-7 (6-6.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 10:40
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	0.99	0.29	1
Xylenes, Total	ND		ug/kg	0.99	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	0.99	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.99	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	0.99	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.9	0.91	1
Acetone	ND		ug/kg	9.9	4.8	1
Carbon disulfide	ND		ug/kg	9.9	4.5	1
2-Butanone	ND		ug/kg	9.9	2.2	1
Vinyl acetate	ND		ug/kg	9.9	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.9	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	9.9	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.99	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	0.99	0.16	1
sec-Butylbenzene	ND		ug/kg	0.99	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	0.99	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	0.99	0.11	1
p-Isopropyltoluene	ND		ug/kg	0.99	0.11	1
Naphthalene	ND		ug/kg	4.0	0.64	1
Acrylonitrile	ND		ug/kg	4.0	1.1	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-07
Client ID: SB-7 (6-6.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 10:40
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.99	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	79	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	99		70-130

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-08
Client ID: SB-7 (15-15.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 10:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/09/20 21:07
Analyst: MV
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	0.28	J	ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.95	0.52	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-08
Client ID: SB-7 (15-15.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 10:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.95	0.28	1
Xylenes, Total	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.95	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	ND		ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
Vinyl acetate	ND		ug/kg	9.5	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.95	0.16	1
sec-Butylbenzene	ND		ug/kg	0.95	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.95	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.95	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-08
Client ID: SB-7 (15-15.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 10:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.95	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	100		70-130

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-09
Client ID: SB-9 (3.5-4')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 08:10
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/09/20 21:34
Analyst: MV
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.97	0.14	1
Chloroform	ND		ug/kg	1.4	0.14	1
Carbon tetrachloride	ND		ug/kg	0.97	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.97	0.12	1
Dibromochloromethane	ND		ug/kg	0.97	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	0.97	0.26	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.9	0.67	1
1,2-Dichloroethane	ND		ug/kg	0.97	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.97	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.9	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.97	0.52	1
Ethylbenzene	ND		ug/kg	0.97	0.14	1
Chloromethane	ND		ug/kg	3.9	0.90	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.97	0.32	1
Chloroethane	ND		ug/kg	1.9	0.44	1
1,1-Dichloroethene	ND		ug/kg	0.97	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-09
Client ID: SB-9 (3.5-4')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 08:10
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.97	0.28	1
Xylenes, Total	ND		ug/kg	0.97	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.97	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.97	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.97	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.7	0.88	1
Acetone	ND		ug/kg	9.7	4.6	1
Carbon disulfide	ND		ug/kg	9.7	4.4	1
2-Butanone	ND		ug/kg	9.7	2.1	1
Vinyl acetate	ND		ug/kg	9.7	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.7	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.7	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.20	1
1,2-Dibromoethane	ND		ug/kg	0.97	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.97	0.16	1
sec-Butylbenzene	ND		ug/kg	0.97	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.96	1
Hexachlorobutadiene	ND		ug/kg	3.9	0.16	1
Isopropylbenzene	ND		ug/kg	0.97	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.97	0.10	1
Naphthalene	ND		ug/kg	3.9	0.63	1
Acrylonitrile	ND		ug/kg	3.9	1.1	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-09
Client ID: SB-9 (3.5-4')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 08:10
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.97	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	77	34.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	101		70-130

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-10
Client ID: SB-9 (15-15.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 08:25
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/09/20 22:02
Analyst: MV
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.4	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.88	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.88	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.88	0.11	1
Dibromochloromethane	ND		ug/kg	0.88	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.88	0.23	1
Tetrachloroethene	0.77		ug/kg	0.44	0.17	1
Chlorobenzene	ND		ug/kg	0.44	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.5	0.61	1
1,2-Dichloroethane	ND		ug/kg	0.88	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.44	0.15	1
Bromodichloromethane	ND		ug/kg	0.44	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.88	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.44	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.44	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.44	0.14	1
Bromoform	ND		ug/kg	3.5	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.44	0.14	1
Benzene	ND		ug/kg	0.44	0.14	1
Toluene	ND		ug/kg	0.88	0.48	1
Ethylbenzene	ND		ug/kg	0.88	0.12	1
Chloromethane	0.94	J	ug/kg	3.5	0.82	1
Bromomethane	ND		ug/kg	1.8	0.51	1
Vinyl chloride	ND		ug/kg	0.88	0.29	1
Chloroethane	ND		ug/kg	1.8	0.40	1
1,1-Dichloroethene	ND		ug/kg	0.88	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-10
Client ID: SB-9 (15-15.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 08:25
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.44	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.49	1
o-Xylene	ND		ug/kg	0.88	0.26	1
Xylenes, Total	ND		ug/kg	0.88	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.88	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.88	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.21	1
Styrene	ND		ug/kg	0.88	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.8	0.80	1
Acetone	6.8	J	ug/kg	8.8	4.2	1
Carbon disulfide	ND		ug/kg	8.8	4.0	1
2-Butanone	ND		ug/kg	8.8	2.0	1
Vinyl acetate	ND		ug/kg	8.8	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.8	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.11	1
2-Hexanone	ND		ug/kg	8.8	1.0	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.88	0.24	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.44	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.88	0.15	1
sec-Butylbenzene	ND		ug/kg	0.88	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.10	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.88	1
Hexachlorobutadiene	ND		ug/kg	3.5	0.15	1
Isopropylbenzene	ND		ug/kg	0.88	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.88	0.10	1
Naphthalene	ND		ug/kg	3.5	0.57	1
Acrylonitrile	ND		ug/kg	3.5	1.0	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-10
Client ID: SB-9 (15-15.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 08:25
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.88	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.29	1
1,4-Dioxane	ND		ug/kg	70	31.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.34	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.4	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	98		70-130

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-11
Client ID: SB-10 (2-2.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 09:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/09/20 22:30
Analyst: MV
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.97	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-11
Client ID: SB-10 (2-2.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 09:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-11
Client ID: SB-10 (2-2.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 09:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	84	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	102		70-130

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-12
Client ID: SB-10 (15-15.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 10:00
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/09/20 22:57
Analyst: MV
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.4	2.0	1
1,1-Dichloroethane	ND		ug/kg	0.88	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.88	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.88	0.11	1
Dibromochloromethane	ND		ug/kg	0.88	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.88	0.23	1
Tetrachloroethene	1.2		ug/kg	0.44	0.17	1
Chlorobenzene	ND		ug/kg	0.44	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.5	0.61	1
1,2-Dichloroethane	ND		ug/kg	0.88	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.44	0.15	1
Bromodichloromethane	ND		ug/kg	0.44	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.88	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.44	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.44	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.44	0.14	1
Bromoform	ND		ug/kg	3.5	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.44	0.14	1
Benzene	ND		ug/kg	0.44	0.14	1
Toluene	ND		ug/kg	0.88	0.48	1
Ethylbenzene	ND		ug/kg	0.88	0.12	1
Chloromethane	1.1	J	ug/kg	3.5	0.82	1
Bromomethane	ND		ug/kg	1.8	0.51	1
Vinyl chloride	ND		ug/kg	0.88	0.29	1
Chloroethane	ND		ug/kg	1.8	0.40	1
1,1-Dichloroethene	ND		ug/kg	0.88	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-12
Client ID: SB-10 (15-15.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 10:00
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.44	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.49	1
o-Xylene	ND		ug/kg	0.88	0.26	1
Xylenes, Total	ND		ug/kg	0.88	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.88	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.88	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.21	1
Styrene	ND		ug/kg	0.88	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.8	0.80	1
Acetone	ND		ug/kg	8.8	4.2	1
Carbon disulfide	ND		ug/kg	8.8	4.0	1
2-Butanone	ND		ug/kg	8.8	1.9	1
Vinyl acetate	ND		ug/kg	8.8	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	8.8	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.11	1
2-Hexanone	ND		ug/kg	8.8	1.0	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.88	0.24	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.44	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.88	0.15	1
sec-Butylbenzene	ND		ug/kg	0.88	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.10	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.87	1
Hexachlorobutadiene	ND		ug/kg	3.5	0.15	1
Isopropylbenzene	ND		ug/kg	0.88	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.88	0.10	1
Naphthalene	ND		ug/kg	3.5	0.57	1
Acrylonitrile	ND		ug/kg	3.5	1.0	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-12
Client ID: SB-10 (15-15.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 10:00
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.88	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.28	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.29	1
1,4-Dioxane	ND		ug/kg	70	31.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.34	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.30	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.4	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	100		70-130

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-13
Client ID: DUP1S (1-7-20)
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 09:55
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/09/20 23:25
Analyst: MV
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.2	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.84	0.12	1
Chloroform	ND		ug/kg	1.2	0.12	1
Carbon tetrachloride	ND		ug/kg	0.84	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.84	0.10	1
Dibromochloromethane	ND		ug/kg	0.84	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.84	0.22	1
Tetrachloroethene	ND		ug/kg	0.42	0.16	1
Chlorobenzene	ND		ug/kg	0.42	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.58	1
1,2-Dichloroethane	ND		ug/kg	0.84	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.42	0.14	1
Bromodichloromethane	ND		ug/kg	0.42	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.84	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.42	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	0.42	0.13	1
1,1-Dichloropropene	ND		ug/kg	0.42	0.13	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.42	0.14	1
Benzene	ND		ug/kg	0.42	0.14	1
Toluene	ND		ug/kg	0.84	0.46	1
Ethylbenzene	ND		ug/kg	0.84	0.12	1
Chloromethane	ND		ug/kg	3.4	0.78	1
Bromomethane	ND		ug/kg	1.7	0.49	1
Vinyl chloride	ND		ug/kg	0.84	0.28	1
Chloroethane	ND		ug/kg	1.7	0.38	1
1,1-Dichloroethene	ND		ug/kg	0.84	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.12	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-13
Client ID: DUP1S (1-7-20)
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 09:55
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.42	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.47	1
o-Xylene	ND		ug/kg	0.84	0.24	1
Xylenes, Total	ND		ug/kg	0.84	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.84	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.84	0.12	1
Dibromomethane	ND		ug/kg	1.7	0.20	1
Styrene	ND		ug/kg	0.84	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.4	0.77	1
Acetone	ND		ug/kg	8.4	4.0	1
Carbon disulfide	ND		ug/kg	8.4	3.8	1
2-Butanone	ND		ug/kg	8.4	1.9	1
Vinyl acetate	ND		ug/kg	8.4	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.4	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.7	0.11	1
2-Hexanone	ND		ug/kg	8.4	0.99	1
Bromochloromethane	ND		ug/kg	1.7	0.17	1
2,2-Dichloropropane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.84	0.23	1
1,3-Dichloropropane	ND		ug/kg	1.7	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.42	0.11	1
Bromobenzene	ND		ug/kg	1.7	0.12	1
n-Butylbenzene	ND		ug/kg	0.84	0.14	1
sec-Butylbenzene	ND		ug/kg	0.84	0.12	1
tert-Butylbenzene	ND		ug/kg	1.7	0.10	1
o-Chlorotoluene	ND		ug/kg	1.7	0.16	1
p-Chlorotoluene	ND		ug/kg	1.7	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.84	1
Hexachlorobutadiene	ND		ug/kg	3.4	0.14	1
Isopropylbenzene	ND		ug/kg	0.84	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.84	0.09	1
Naphthalene	ND		ug/kg	3.4	0.54	1
Acrylonitrile	ND		ug/kg	3.4	0.96	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-13
Client ID: DUP1S (1-7-20)
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 09:55
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.84	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.28	1
1,4-Dioxane	ND		ug/kg	67	29.	1
p-Diethylbenzene	ND		ug/kg	1.7	0.15	1
p-Ethyltoluene	ND		ug/kg	1.7	0.32	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.7	0.16	1
Ethyl ether	ND		ug/kg	1.7	0.29	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.2	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	100		70-130

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-14
Client ID: DUP2S (1-7-20)
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 12:05
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/09/20 23:52
Analyst: MV
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	ND		ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.73	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.17	1
Benzene	ND		ug/kg	0.53	0.17	1
Toluene	ND		ug/kg	1.0	0.57	1
Ethylbenzene	ND		ug/kg	1.0	0.15	1
Chloromethane	ND		ug/kg	4.2	0.98	1
Bromomethane	ND		ug/kg	2.1	0.61	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-14
Client ID: DUP2S (1-7-20)
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 12:05
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.59	1
o-Xylene	ND		ug/kg	1.0	0.31	1
Xylenes, Total	ND		ug/kg	1.0	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.0	0.21	1
Dichlorodifluoromethane	ND		ug/kg	10	0.96	1
Acetone	ND		ug/kg	10	5.1	1
Carbon disulfide	ND		ug/kg	10	4.8	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.18	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.2	0.68	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-14
Client ID: DUP2S (1-7-20)
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 12:05
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.35	1
1,4-Dioxane	ND		ug/kg	84	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	101		70-130

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/09/20 15:36
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-14 Batch: WG1328689-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/09/20 15:36
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-14 Batch: WG1328689-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/09/20 15:36
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-14 Batch: WG1328689-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	97		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-14 Batch: WG1328689-3 WG1328689-4								
Methylene chloride	100		100		70-130	0		30
1,1-Dichloroethane	109		107		70-130	2		30
Chloroform	110		108		70-130	2		30
Carbon tetrachloride	113		109		70-130	4		30
1,2-Dichloropropane	109		107		70-130	2		30
Dibromochloromethane	110		111		70-130	1		30
1,1,2-Trichloroethane	102		104		70-130	2		30
Tetrachloroethene	113		112		70-130	1		30
Chlorobenzene	106		105		70-130	1		30
Trichlorofluoromethane	111		106		70-139	5		30
1,2-Dichloroethane	103		103		70-130	0		30
1,1,1-Trichloroethane	115		113		70-130	2		30
Bromodichloromethane	114		113		70-130	1		30
trans-1,3-Dichloropropene	96		96		70-130	0		30
cis-1,3-Dichloropropene	102		101		70-130	1		30
1,1-Dichloropropene	117		114		70-130	3		30
Bromoform	100		100		70-130	0		30
1,1,2,2-Tetrachloroethane	98		98		70-130	0		30
Benzene	111		109		70-130	2		30
Toluene	106		106		70-130	0		30
Ethylbenzene	110		108		70-130	2		30
Chloromethane	98		96		52-130	2		30
Bromomethane	92		90		57-147	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-14 Batch: WG1328689-3 WG1328689-4								
Vinyl chloride	105		100		67-130	5		30
Chloroethane	111		105		50-151	6		30
1,1-Dichloroethene	**138**	Q	132		65-135	4		30
trans-1,2-Dichloroethene	115		111		70-130	4		30
Trichloroethene	117		114		70-130	3		30
1,2-Dichlorobenzene	101		101		70-130	0		30
1,3-Dichlorobenzene	105		104		70-130	1		30
1,4-Dichlorobenzene	102		100		70-130	2		30
Methyl tert butyl ether	104		105		66-130	1		30
p/m-Xylene	113		111		70-130	2		30
o-Xylene	112		110		70-130	2		30
cis-1,2-Dichloroethene	113		112		70-130	1		30
Dibromomethane	108		108		70-130	0		30
Styrene	96		95		70-130	1		30
Dichlorodifluoromethane	95		94		30-146	1		30
Acetone	98		89		54-140	10		30
Carbon disulfide	**138**	Q	**132**	Q	59-130	4		30
2-Butanone	92		99		70-130	7		30
Vinyl acetate	106		107		70-130	1		30
4-Methyl-2-pentanone	95		97		70-130	2		30
1,2,3-Trichloropropane	93		93		68-130	0		30
2-Hexanone	93		95		70-130	2		30
Bromochloromethane	112		111		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-14 Batch: WG1328689-3 WG1328689-4								
2,2-Dichloropropane	118		114		70-130	3		30
1,2-Dibromoethane	106		107		70-130	1		30
1,3-Dichloropropane	102		102		69-130	0		30
1,1,1,2-Tetrachloroethane	110		109		70-130	1		30
Bromobenzene	101		100		70-130	1		30
n-Butylbenzene	108		105		70-130	3		30
sec-Butylbenzene	106		105		70-130	1		30
tert-Butylbenzene	110		108		70-130	2		30
o-Chlorotoluene	103		102		70-130	1		30
p-Chlorotoluene	104		103		70-130	1		30
1,2-Dibromo-3-chloropropane	87		90		68-130	3		30
Hexachlorobutadiene	104		104		67-130	0		30
Isopropylbenzene	110		108		70-130	2		30
p-Isopropyltoluene	110		108		70-130	2		30
Naphthalene	99		102		70-130	3		30
Acrylonitrile	98		98		70-130	0		30
n-Propylbenzene	108		106		70-130	2		30
1,2,3-Trichlorobenzene	99		100		70-130	1		30
1,2,4-Trichlorobenzene	105		107		70-130	2		30
1,3,5-Trimethylbenzene	106		105		70-130	1		30
1,2,4-Trimethylbenzene	108		106		70-130	2		30
1,4-Dioxane	108		103		65-136	5		30
p-Diethylbenzene	112		110		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-14 Batch: WG1328689-3 WG1328689-4								
p-Ethyltoluene	109		107		70-130	2		30
1,2,4,5-Tetramethylbenzene	109		107		70-130	2		30
Ethyl ether	98		98		67-130	0		30
trans-1,4-Dichloro-2-butene	102		103		70-130	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	95		93		70-130
Toluene-d8	97		98		70-130
4-Bromofluorobenzene	99		99		70-130
Dibromofluoromethane	98		99		70-130

SEMIVOLATILES

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-01
Client ID: SB-2 (3.5-4')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 13:45
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/13/20 14:40
Analyst: EK
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 20:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-01
Client ID: SB-2 (3.5-4')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 13:45
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-01
Client ID: SB-2 (3.5-4')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 13:45
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	94		25-120
Phenol-d6	91		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	100		30-120
2,4,6-Tribromophenol	134		10-136
4-Terphenyl-d14	119		18-120

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-02
Client ID: SB-2 (16-16.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 13:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/11/20 19:48
Analyst: EK
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 20:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-02
Client ID: SB-2 (16-16.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 13:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	18.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-02
Client ID: SB-2 (16-16.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 13:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	91		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	117		10-136
4-Terphenyl-d14	101		18-120

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-03
Client ID: SB-3 (7-7.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 13:10
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/11/20 15:17
Analyst: EK
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 20:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-03
Client ID: SB-3 (7-7.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 13:10
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-03
Client ID: SB-3 (7-7.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 13:10
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	105		10-136
4-Terphenyl-d14	90		18-120

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-04
Client ID: SB-3 (15-15.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 13:15
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/11/20 15:40
Analyst: EK
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 20:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-04
Client ID: SB-3 (15-15.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 13:15
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	28.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	110	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	67.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	850	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	85.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-04
Client ID: SB-3 (15-15.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 13:15
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	93		25-120
Phenol-d6	94		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	115		10-136
4-Terphenyl-d14	100		18-120

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-05
Client ID: SB-6 (5.5-6')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 11:55
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/11/20 16:02
Analyst: EK
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 20:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-05
Client ID: SB-6 (5.5-6')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 11:55
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	18.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	83.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-05
Client ID: SB-6 (5.5-6')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 11:55
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	103		10-136
4-Terphenyl-d14	86		18-120

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-06
Client ID: SB-6 (15.5-16')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 12:00
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/11/20 16:25
Analyst: EK
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 20:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	130	17.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	30.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	29.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	ND		ug/kg	100	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	480	150	1
Hexachloroethane	ND		ug/kg	130	27.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	20.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	130	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.	1
Butyl benzyl phthalate	ND		ug/kg	170	42.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	57.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-06
Client ID: SB-6 (15.5-16')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 12:00
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	35.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	130	41.	1
Benzo(b)fluoranthene	ND		ug/kg	100	28.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	ND		ug/kg	100	17.	1
Acenaphthylene	ND		ug/kg	130	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	ND		ug/kg	130	20.	1
Fluorene	ND		ug/kg	170	16.	1
Phenanthrene	ND		ug/kg	100	20.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	380	39.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	32.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	55.	1
2-Nitrophenol	ND		ug/kg	360	63.	1
4-Nitrophenol	ND		ug/kg	240	69.	1
2,4-Dinitrophenol	ND		ug/kg	810	78.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	81.	1
Pentachlorophenol	ND		ug/kg	130	37.	1
Phenol	ND		ug/kg	170	25.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-06
Client ID: SB-6 (15.5-16')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 12:00
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	32.	1
Benzoic Acid	ND		ug/kg	540	170	1
Benzyl Alcohol	ND		ug/kg	170	51.	1
Carbazole	ND		ug/kg	170	16.	1
1,4-Dioxane	ND		ug/kg	25	7.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	114		10-136
4-Terphenyl-d14	103		18-120

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-07
Client ID: SB-7 (6-6.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 10:40
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/11/20 16:47
Analyst: EK
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 20:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-07
Client ID: SB-7 (6-6.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 10:40
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	40.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-07
Client ID: SB-7 (6-6.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 10:40
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	107		10-136
4-Terphenyl-d14	98		18-120

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-08
Client ID: SB-7 (15-15.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 10:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/11/20 17:10
Analyst: EK
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 20:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	100		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-08
Client ID: SB-7 (15-15.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 10:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	56	J	ug/kg	100	19.	1
Benzo(a)pyrene	55	J	ug/kg	140	42.	1
Benzo(b)fluoranthene	60	J	ug/kg	100	29.	1
Benzo(k)fluoranthene	41	J	ug/kg	100	28.	1
Chrysene	52	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	49	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	56	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	41	J	ug/kg	140	24.	1
Pyrene	90	J	ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	40.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	830	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-08
Client ID: SB-7 (15-15.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 10:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	170	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	105		10-136
4-Terphenyl-d14	87		18-120

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-09
Client ID: SB-9 (3.5-4')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 08:10
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/11/20 17:32
Analyst: EK
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 20:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-09
Client ID: SB-9 (3.5-4')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 08:10
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	40.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-09
Client ID: SB-9 (3.5-4')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 08:10
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	74		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	79		30-120
2,4,6-Tribromophenol	98		10-136
4-Terphenyl-d14	92		18-120

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-10
Client ID: SB-9 (15-15.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 08:25
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/11/20 17:55
Analyst: EK
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 20:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-10
Client ID: SB-9 (15-15.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 08:25
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	40.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	830	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-10
Client ID: SB-9 (15-15.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 08:25
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	170	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	75		30-120
2,4,6-Tribromophenol	96		10-136
4-Terphenyl-d14	88		18-120

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-11
Client ID: SB-10 (2-2.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 09:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/11/20 18:18
Analyst: EK
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 20:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	ND		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-11
Client ID: SB-10 (2-2.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 09:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	900	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-11
Client ID: SB-10 (2-2.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 09:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		25-120
Phenol-d6	60		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	76		10-136
4-Terphenyl-d14	61		18-120

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-12
Client ID: SB-10 (15-15.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 10:00
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/11/20 18:40
Analyst: EK
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 20:19

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	130	17.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	30.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	29.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	ND		ug/kg	100	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	480	150	1
Hexachloroethane	ND		ug/kg	130	27.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	20.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	130	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.	1
Butyl benzyl phthalate	ND		ug/kg	170	42.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	57.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-12
Client ID: SB-10 (15-15.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 10:00
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	35.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	130	41.	1
Benzo(b)fluoranthene	ND		ug/kg	100	28.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	ND		ug/kg	100	17.	1
Acenaphthylene	ND		ug/kg	130	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	ND		ug/kg	130	20.	1
Fluorene	ND		ug/kg	170	16.	1
Phenanthrene	ND		ug/kg	100	20.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	380	39.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	32.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	360	63.	1
4-Nitrophenol	ND		ug/kg	240	69.	1
2,4-Dinitrophenol	ND		ug/kg	810	78.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	81.	1
Pentachlorophenol	ND		ug/kg	130	37.	1
Phenol	ND		ug/kg	170	25.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-12
Client ID: SB-10 (15-15.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 10:00
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	32.	1
Benzoic Acid	ND		ug/kg	540	170	1
Benzyl Alcohol	ND		ug/kg	170	51.	1
Carbazole	ND		ug/kg	170	16.	1
1,4-Dioxane	ND		ug/kg	25	7.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	78		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	104		10-136
4-Terphenyl-d14	91		18-120

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-13
Client ID: DUP1S (1-7-20)
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 09:55
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/11/20 19:03
Analyst: EK
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 20:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	26	J	ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	31.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	22.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-13
Client ID: DUP1S (1-7-20)
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 09:55
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	18.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	46.	1
Benzo(b)fluoranthene	ND		ug/kg	110	32.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	20.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	37.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	190	18.	1
Phenanthrene	ND		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	21	J	ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	ND		ug/kg	190	18.	1
2-Methylnaphthalene	ND		ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-13
Client ID: DUP1S (1-7-20)
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 09:55
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	ND		ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	81		30-120
2,4,6-Tribromophenol	103		10-136
4-Terphenyl-d14	96		18-120

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-14
Client ID: DUP2S (1-7-20)
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 12:05
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/11/20 19:25
Analyst: EK
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 20:24

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	130	17.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	30.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	29.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	ND		ug/kg	100	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	24.	1
Hexachlorocyclopentadiene	ND		ug/kg	480	150	1
Hexachloroethane	ND		ug/kg	130	27.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	20.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	130	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.	1
Butyl benzyl phthalate	ND		ug/kg	170	42.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	57.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-14
Client ID: DUP2S (1-7-20)
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 12:05
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	35.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	130	41.	1
Benzo(b)fluoranthene	ND		ug/kg	100	28.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	ND		ug/kg	100	17.	1
Acenaphthylene	ND		ug/kg	130	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	ND		ug/kg	130	20.	1
Fluorene	ND		ug/kg	170	16.	1
Phenanthrene	ND		ug/kg	100	20.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	380	39.	1
4-Chloroaniline	ND		ug/kg	170	30.	1
2-Nitroaniline	ND		ug/kg	170	32.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	69.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	55.	1
2-Nitrophenol	ND		ug/kg	360	63.	1
4-Nitrophenol	ND		ug/kg	230	68.	1
2,4-Dinitrophenol	ND		ug/kg	800	78.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	80.	1
Pentachlorophenol	ND		ug/kg	130	37.	1
Phenol	ND		ug/kg	170	25.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-14
Client ID: DUP2S (1-7-20)
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 12:05
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	32.	1
Benzoic Acid	ND		ug/kg	540	170	1
Benzyl Alcohol	ND		ug/kg	170	51.	1
Carbazole	ND		ug/kg	170	16.	1
1,4-Dioxane	ND		ug/kg	25	7.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	101		18-120

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/11/20 13:46
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 01/08/20 20:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-14 Batch: WG1328128-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	18.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/11/20 13:46
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 01/08/20 20:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-14 Batch: WG1328128-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/11/20 13:46
Analyst: EK

Extraction Method: EPA 3546
Extraction Date: 01/08/20 20:19

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-14 Batch: WG1328128-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	82		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	98		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-14 Batch: WG1328128-2 WG1328128-3								
Acenaphthene	77		86		31-137	11		50
1,2,4-Trichlorobenzene	73		82		38-107	12		50
Hexachlorobenzene	87		102		40-140	16		50
Bis(2-chloroethyl)ether	69		77		40-140	11		50
2-Chloronaphthalene	73		83		40-140	13		50
1,2-Dichlorobenzene	80		88		40-140	10		50
1,3-Dichlorobenzene	78		84		40-140	7		50
1,4-Dichlorobenzene	78		84		28-104	7		50
3,3'-Dichlorobenzidine	51		57		40-140	11		50
2,4-Dinitrotoluene	85		98		40-132	14		50
2,6-Dinitrotoluene	80		93		40-140	15		50
Fluoranthene	76		88		40-140	15		50
4-Chlorophenyl phenyl ether	74		84		40-140	13		50
4-Bromophenyl phenyl ether	83		94		40-140	12		50
Bis(2-chloroisopropyl)ether	57		67		40-140	16		50
Bis(2-chloroethoxy)methane	66		75		40-117	13		50
Hexachlorobutadiene	73		86		40-140	16		50
Hexachlorocyclopentadiene	62		74		40-140	18		50
Hexachloroethane	73		80		40-140	9		50
Isophorone	66		77		40-140	15		50
Naphthalene	76		88		40-140	15		50
Nitrobenzene	69		80		40-140	15		50
NDPA/DPA	76		88		36-157	15		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-14 Batch: WG1328128-2 WG1328128-3								
n-Nitrosodi-n-propylamine	64		75		32-121	16		50
Bis(2-ethylhexyl)phthalate	73		86		40-140	16		50
Butyl benzyl phthalate	77		92		40-140	18		50
Di-n-butylphthalate	82		93		40-140	14		50
Di-n-octylphthalate	82		94		40-140	14		50
Diethyl phthalate	76		88		40-140	15		50
Dimethyl phthalate	74		86		40-140	15		50
Benzo(a)anthracene	72		83		40-140	14		50
Benzo(a)pyrene	72		81		40-140	12		50
Benzo(b)fluoranthene	64		74		40-140	14		50
Benzo(k)fluoranthene	86		102		40-140	17		50
Chrysene	75		83		40-140	10		50
Acenaphthylene	74		84		40-140	13		50
Anthracene	78		86		40-140	10		50
Benzo(ghi)perylene	81		98		40-140	19		50
Fluorene	80		91		40-140	13		50
Phenanthrene	72		81		40-140	12		50
Dibenzo(a,h)anthracene	85		101		40-140	17		50
Indeno(1,2,3-cd)pyrene	75		89		40-140	17		50
Pyrene	74		85		35-142	15		50
Biphenyl	78		89		37-127	13		50
4-Chloroaniline	**30**	Q	**33**	Q	40-140	10		50
2-Nitroaniline	81		90		47-134	11		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-14 Batch: WG1328128-2 WG1328128-3								
3-Nitroaniline	46		48		26-129	4		50
4-Nitroaniline	60		69		41-125	14		50
Dibenzofuran	80		91		40-140	13		50
2-Methylnaphthalene	100		117		40-140	16		50
1,2,4,5-Tetrachlorobenzene	81		93		40-117	14		50
Acetophenone	74		84		14-144	13		50
2,4,6-Trichlorophenol	83		95		30-130	13		50
p-Chloro-m-cresol	73		86		26-103	16		50
2-Chlorophenol	80		96		25-102	18		50
2,4-Dichlorophenol	79		91		30-130	14		50
2,4-Dimethylphenol	66		78		30-130	17		50
2-Nitrophenol	81		96		30-130	17		50
4-Nitrophenol	58		70		11-114	19		50
2,4-Dinitrophenol	55		76		4-130	32		50
4,6-Dinitro-o-cresol	95		111		10-130	16		50
Pentachlorophenol	78		92		17-109	16		50
Phenol	69		84		26-90	20		50
2-Methylphenol	75		91		30-130.	19		50
3-Methylphenol/4-Methylphenol	73		90		30-130	21		50
2,4,5-Trichlorophenol	84		98		30-130	15		50
Benzoic Acid	24		27		10-110	12		50
Benzyl Alcohol	66		74		40-140	11		50
Carbazole	77		89		54-128	14		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-14 Batch: WG1328128-2 WG1328128-3								
1,4-Dioxane	76		73		40-140	4		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	73		85		25-120
Phenol-d6	78		90		10-120
Nitrobenzene-d5	69		78		23-120
2-Fluorobiphenyl	71		81		30-120
2,4,6-Tribromophenol	93		113		10-136
4-Terphenyl-d14	82		96		18-120

PCBS

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-01
Client ID: SB-2 (3.5-4')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 13:45
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/09/20 20:00
Analyst: CW
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 21:14
Cleanup Method: EPA 3665A
Cleanup Date: 01/09/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.9	3.10	1	A
Aroclor 1221	ND		ug/kg	34.9	3.50	1	A
Aroclor 1232	ND		ug/kg	34.9	7.41	1	A
Aroclor 1242	ND		ug/kg	34.9	4.71	1	A
Aroclor 1248	ND		ug/kg	34.9	5.24	1	A
Aroclor 1254	ND		ug/kg	34.9	3.82	1	A
Aroclor 1260	ND		ug/kg	34.9	6.46	1	A
Aroclor 1262	ND		ug/kg	34.9	4.44	1	A
Aroclor 1268	ND		ug/kg	34.9	3.62	1	A
PCBs, Total	ND		ug/kg	34.9	3.10	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	73		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-02
Client ID: SB-2 (16-16.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 13:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/09/20 20:07
Analyst: CW
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 21:14
Cleanup Method: EPA 3665A
Cleanup Date: 01/09/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.2	3.04	1	A
Aroclor 1221	ND		ug/kg	34.2	3.43	1	A
Aroclor 1232	ND		ug/kg	34.2	7.26	1	A
Aroclor 1242	ND		ug/kg	34.2	4.61	1	A
Aroclor 1248	ND		ug/kg	34.2	5.13	1	A
Aroclor 1254	ND		ug/kg	34.2	3.74	1	A
Aroclor 1260	ND		ug/kg	34.2	6.32	1	A
Aroclor 1262	ND		ug/kg	34.2	4.35	1	A
Aroclor 1268	ND		ug/kg	34.2	3.55	1	A
PCBs, Total	ND		ug/kg	34.2	3.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	96		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-03
Client ID: SB-3 (7-7.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 13:10
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/09/20 20:14
Analyst: CW
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 21:14
Cleanup Method: EPA 3665A
Cleanup Date: 01/09/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.2	3.04	1	A
Aroclor 1221	ND		ug/kg	34.2	3.43	1	A
Aroclor 1232	ND		ug/kg	34.2	7.25	1	A
Aroclor 1242	ND		ug/kg	34.2	4.61	1	A
Aroclor 1248	ND		ug/kg	34.2	5.13	1	A
Aroclor 1254	ND		ug/kg	34.2	3.74	1	A
Aroclor 1260	ND		ug/kg	34.2	6.32	1	A
Aroclor 1262	ND		ug/kg	34.2	4.34	1	A
Aroclor 1268	ND		ug/kg	34.2	3.54	1	A
PCBs, Total	ND		ug/kg	34.2	3.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-04
Client ID: SB-3 (15-15.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 13:15
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/09/20 20:21
Analyst: CW
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 21:14
Cleanup Method: EPA 3665A
Cleanup Date: 01/09/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.9	3.19	1	A
Aroclor 1221	ND		ug/kg	35.9	3.60	1	A
Aroclor 1232	ND		ug/kg	35.9	7.61	1	A
Aroclor 1242	ND		ug/kg	35.9	4.84	1	A
Aroclor 1248	ND		ug/kg	35.9	5.38	1	A
Aroclor 1254	ND		ug/kg	35.9	3.93	1	A
Aroclor 1260	ND		ug/kg	35.9	6.63	1	A
Aroclor 1262	ND		ug/kg	35.9	4.56	1	A
Aroclor 1268	ND		ug/kg	35.9	3.72	1	A
PCBs, Total	ND		ug/kg	35.9	3.19	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-05
Client ID: SB-6 (5.5-6')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 11:55
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/09/20 20:27
Analyst: CW
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 21:14
Cleanup Method: EPA 3665A
Cleanup Date: 01/09/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.2	3.04	1	A
Aroclor 1221	ND		ug/kg	34.2	3.43	1	A
Aroclor 1232	ND		ug/kg	34.2	7.26	1	A
Aroclor 1242	ND		ug/kg	34.2	4.62	1	A
Aroclor 1248	ND		ug/kg	34.2	5.14	1	A
Aroclor 1254	ND		ug/kg	34.2	3.75	1	A
Aroclor 1260	ND		ug/kg	34.2	6.33	1	A
Aroclor 1262	ND		ug/kg	34.2	4.35	1	A
Aroclor 1268	ND		ug/kg	34.2	3.55	1	A
PCBs, Total	ND		ug/kg	34.2	3.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-06
Client ID: SB-6 (15.5-16')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 12:00
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/09/20 20:34
Analyst: CW
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 21:14
Cleanup Method: EPA 3665A
Cleanup Date: 01/09/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.1	3.03	1	A
Aroclor 1221	ND		ug/kg	34.1	3.42	1	A
Aroclor 1232	ND		ug/kg	34.1	7.24	1	A
Aroclor 1242	ND		ug/kg	34.1	4.60	1	A
Aroclor 1248	ND		ug/kg	34.1	5.12	1	A
Aroclor 1254	ND		ug/kg	34.1	3.73	1	A
Aroclor 1260	ND		ug/kg	34.1	6.31	1	A
Aroclor 1262	ND		ug/kg	34.1	4.34	1	A
Aroclor 1268	ND		ug/kg	34.1	3.54	1	A
PCBs, Total	ND		ug/kg	34.1	3.03	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	102		30-150	B
Decachlorobiphenyl	86		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-07
Client ID: SB-7 (6-6.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 10:40
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/09/20 20:41
Analyst: CW
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 21:14
Cleanup Method: EPA 3665A
Cleanup Date: 01/09/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.1	3.11	1	A
Aroclor 1221	ND		ug/kg	35.1	3.51	1	A
Aroclor 1232	ND		ug/kg	35.1	7.43	1	A
Aroclor 1242	ND		ug/kg	35.1	4.73	1	A
Aroclor 1248	ND		ug/kg	35.1	5.26	1	A
Aroclor 1254	ND		ug/kg	35.1	3.84	1	A
Aroclor 1260	ND		ug/kg	35.1	6.48	1	A
Aroclor 1262	ND		ug/kg	35.1	4.45	1	A
Aroclor 1268	ND		ug/kg	35.1	3.63	1	A
PCBs, Total	ND		ug/kg	35.1	3.11	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-08
Client ID: SB-7 (15-15.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 10:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/09/20 20:48
Analyst: CW
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 21:14
Cleanup Method: EPA 3665A
Cleanup Date: 01/09/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.4	2.96	1	A
Aroclor 1221	ND		ug/kg	33.4	3.34	1	A
Aroclor 1232	ND		ug/kg	33.4	7.08	1	A
Aroclor 1242	ND		ug/kg	33.4	4.50	1	A
Aroclor 1248	ND		ug/kg	33.4	5.01	1	A
Aroclor 1254	6.89	J	ug/kg	33.4	3.65	1	B
Aroclor 1260	ND		ug/kg	33.4	6.17	1	A
Aroclor 1262	ND		ug/kg	33.4	4.24	1	A
Aroclor 1268	ND		ug/kg	33.4	3.46	1	A
PCBs, Total	6.89	J	ug/kg	33.4	2.96	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-09
Client ID: SB-9 (3.5-4')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 08:10
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/09/20 20:55
Analyst: CW
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 21:14
Cleanup Method: EPA 3665A
Cleanup Date: 01/09/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.7	3.08	1	A
Aroclor 1221	ND		ug/kg	34.7	3.47	1	A
Aroclor 1232	ND		ug/kg	34.7	7.35	1	A
Aroclor 1242	ND		ug/kg	34.7	4.67	1	A
Aroclor 1248	ND		ug/kg	34.7	5.20	1	A
Aroclor 1254	ND		ug/kg	34.7	3.79	1	A
Aroclor 1260	ND		ug/kg	34.7	6.40	1	A
Aroclor 1262	ND		ug/kg	34.7	4.40	1	A
Aroclor 1268	ND		ug/kg	34.7	3.59	1	A
PCBs, Total	ND		ug/kg	34.7	3.08	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-10
Client ID: SB-9 (15-15.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 08:25
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/09/20 21:02
Analyst: CW
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 21:14
Cleanup Method: EPA 3665A
Cleanup Date: 01/09/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.8	3.09	1	A
Aroclor 1221	ND		ug/kg	34.8	3.49	1	A
Aroclor 1232	ND		ug/kg	34.8	7.38	1	A
Aroclor 1242	ND		ug/kg	34.8	4.69	1	A
Aroclor 1248	ND		ug/kg	34.8	5.22	1	A
Aroclor 1254	ND		ug/kg	34.8	3.81	1	A
Aroclor 1260	ND		ug/kg	34.8	6.43	1	A
Aroclor 1262	ND		ug/kg	34.8	4.42	1	A
Aroclor 1268	ND		ug/kg	34.8	3.60	1	A
PCBs, Total	ND		ug/kg	34.8	3.09	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-11
Client ID: SB-10 (2-2.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 09:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/09/20 21:09
Analyst: CW
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 21:14
Cleanup Method: EPA 3665A
Cleanup Date: 01/09/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.1	3.29	1	A
Aroclor 1221	ND		ug/kg	37.1	3.71	1	A
Aroclor 1232	ND		ug/kg	37.1	7.86	1	A
Aroclor 1242	ND		ug/kg	37.1	5.00	1	A
Aroclor 1248	ND		ug/kg	37.1	5.56	1	A
Aroclor 1254	ND		ug/kg	37.1	4.06	1	A
Aroclor 1260	ND		ug/kg	37.1	6.85	1	A
Aroclor 1262	ND		ug/kg	37.1	4.71	1	A
Aroclor 1268	ND		ug/kg	37.1	3.84	1	A
PCBs, Total	ND		ug/kg	37.1	3.29	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-12
Client ID: SB-10 (15-15.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 10:00
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/09/20 21:16
Analyst: CW
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 21:14
Cleanup Method: EPA 3665A
Cleanup Date: 01/09/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.1	2.94	1	A
Aroclor 1221	ND		ug/kg	33.1	3.32	1	A
Aroclor 1232	ND		ug/kg	33.1	7.02	1	A
Aroclor 1242	ND		ug/kg	33.1	4.46	1	A
Aroclor 1248	ND		ug/kg	33.1	4.96	1	A
Aroclor 1254	ND		ug/kg	33.1	3.62	1	A
Aroclor 1260	ND		ug/kg	33.1	6.12	1	A
Aroclor 1262	ND		ug/kg	33.1	4.20	1	A
Aroclor 1268	ND		ug/kg	33.1	3.43	1	A
PCBs, Total	ND		ug/kg	33.1	2.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	82		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-13
Client ID: DUP1S (1-7-20)
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 09:55
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/09/20 21:22
Analyst: CW
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 21:14
Cleanup Method: EPA 3665A
Cleanup Date: 01/09/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.4	3.32	1	A
Aroclor 1221	ND		ug/kg	37.4	3.74	1	A
Aroclor 1232	ND		ug/kg	37.4	7.92	1	A
Aroclor 1242	ND		ug/kg	37.4	5.04	1	A
Aroclor 1248	ND		ug/kg	37.4	5.61	1	A
Aroclor 1254	ND		ug/kg	37.4	4.09	1	A
Aroclor 1260	ND		ug/kg	37.4	6.91	1	A
Aroclor 1262	ND		ug/kg	37.4	4.75	1	A
Aroclor 1268	ND		ug/kg	37.4	3.87	1	A
PCBs, Total	ND		ug/kg	37.4	3.32	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	81		30-150	A
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-14
Client ID: DUP2S (1-7-20)
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 12:05
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/09/20 21:29
Analyst: CW
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 21:14
Cleanup Method: EPA 3665A
Cleanup Date: 01/09/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.2	2.95	1	A
Aroclor 1221	ND		ug/kg	33.2	3.33	1	A
Aroclor 1232	ND		ug/kg	33.2	7.05	1	A
Aroclor 1242	ND		ug/kg	33.2	4.48	1	A
Aroclor 1248	ND		ug/kg	33.2	4.99	1	A
Aroclor 1254	ND		ug/kg	33.2	3.64	1	A
Aroclor 1260	ND		ug/kg	33.2	6.14	1	A
Aroclor 1262	ND		ug/kg	33.2	4.22	1	A
Aroclor 1268	ND		ug/kg	33.2	3.44	1	A
PCBs, Total	ND		ug/kg	33.2	2.95	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	85		30-150	A
2,4,5,6-Tetrachloro-m-xylene	98		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 01/09/20 21:50
Analyst: CW

Extraction Method: EPA 3546
Extraction Date: 01/08/20 21:14
Cleanup Method: EPA 3665A
Cleanup Date: 01/09/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-14 Batch: WG1328141-1						
Aroclor 1016	ND		ug/kg	32.2	2.86	A
Aroclor 1221	ND		ug/kg	32.2	3.23	A
Aroclor 1232	ND		ug/kg	32.2	6.82	A
Aroclor 1242	ND		ug/kg	32.2	4.34	A
Aroclor 1248	ND		ug/kg	32.2	4.83	A
Aroclor 1254	ND		ug/kg	32.2	3.52	A
Aroclor 1260	ND		ug/kg	32.2	5.95	A
Aroclor 1262	ND		ug/kg	32.2	4.09	A
Aroclor 1268	ND		ug/kg	32.2	3.34	A
PCBs, Total	ND		ug/kg	32.2	2.86	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	83		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-14 Batch: WG1328141-2 WG1328141-3									
Aroclor 1016	85		96		40-140	12		50	A
Aroclor 1260	78		89		40-140	13		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		101		30-150	A
Decachlorobiphenyl	81		92		30-150	A
2,4,5,6-Tetrachloro-m-xylene	93		104		30-150	B
Decachlorobiphenyl	77		87		30-150	B

PESTICIDES

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-01
Client ID: SB-2 (3.5-4')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 13:45
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/09/20 17:06
Analyst: SL
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 22:44
Cleanup Method: EPA 3620B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.332	1	A
Lindane	ND		ug/kg	0.708	0.316	1	A
Alpha-BHC	ND		ug/kg	0.708	0.201	1	A
Beta-BHC	ND		ug/kg	1.70	0.644	1	A
Heptachlor	ND		ug/kg	0.849	0.381	1	A
Aldrin	ND		ug/kg	1.70	0.598	1	A
Heptachlor epoxide	ND		ug/kg	3.18	0.955	1	A
Endrin	ND		ug/kg	0.708	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.743	1	A
Endrin ketone	ND		ug/kg	1.70	0.437	1	A
Dieldrin	ND		ug/kg	1.06	0.531	1	A
4,4'-DDE	ND		ug/kg	1.70	0.393	1	A
4,4'-DDD	ND		ug/kg	1.70	0.606	1	A
4,4'-DDT	ND		ug/kg	3.18	1.36	1	A
Endosulfan I	ND		ug/kg	1.70	0.401	1	A
Endosulfan II	ND		ug/kg	1.70	0.567	1	A
Endosulfan sulfate	ND		ug/kg	0.708	0.337	1	A
Methoxychlor	ND		ug/kg	3.18	0.990	1	A
Toxaphene	ND		ug/kg	31.8	8.92	1	A
cis-Chlordane	ND		ug/kg	2.12	0.592	1	A
trans-Chlordane	ND		ug/kg	2.12	0.560	1	A
Chlordane	ND		ug/kg	13.8	5.62	1	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-01
Client ID: SB-2 (3.5-4')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 13:45
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	92		30-150	B
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	89		30-150	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-02
Client ID: SB-2 (16-16.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 13:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/09/20 17:16
Analyst: SL
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 22:44
Cleanup Method: EPA 3620B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.69	0.331	1	A
Lindane	ND		ug/kg	0.705	0.315	1	A
Alpha-BHC	ND		ug/kg	0.705	0.200	1	A
Beta-BHC	ND		ug/kg	1.69	0.641	1	A
Heptachlor	ND		ug/kg	0.846	0.379	1	A
Aldrin	ND		ug/kg	1.69	0.595	1	A
Heptachlor epoxide	ND		ug/kg	3.17	0.951	1	A
Endrin	ND		ug/kg	0.705	0.289	1	A
Endrin aldehyde	ND		ug/kg	2.11	0.740	1	A
Endrin ketone	ND		ug/kg	1.69	0.435	1	A
Dieldrin	ND		ug/kg	1.06	0.528	1	A
4,4'-DDE	ND		ug/kg	1.69	0.391	1	A
4,4'-DDD	ND		ug/kg	1.69	0.603	1	A
4,4'-DDT	ND		ug/kg	3.17	1.36	1	B
Endosulfan I	ND		ug/kg	1.69	0.400	1	A
Endosulfan II	ND		ug/kg	1.69	0.565	1	A
Endosulfan sulfate	ND		ug/kg	0.705	0.335	1	A
Methoxychlor	ND		ug/kg	3.17	0.986	1	A
Toxaphene	ND		ug/kg	31.7	8.88	1	A
cis-Chlordane	ND		ug/kg	2.11	0.589	1	A
trans-Chlordane	ND		ug/kg	2.11	0.558	1	A
Chlordane	ND		ug/kg	13.7	5.60	1	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-02
Client ID: SB-2 (16-16.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 13:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	53		30-150	B
2,4,5,6-Tetrachloro-m-xylene	54		30-150	A
Decachlorobiphenyl	55		30-150	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-03
Client ID: SB-3 (7-7.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 13:10
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/09/20 22:15
Analyst: BM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 22:44
Cleanup Method: EPA 3620B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.338	1	A
Lindane	ND		ug/kg	0.719	0.322	1	A
Alpha-BHC	ND		ug/kg	0.719	0.204	1	A
Beta-BHC	ND		ug/kg	1.73	0.654	1	A
Heptachlor	ND		ug/kg	0.863	0.387	1	A
Aldrin	ND		ug/kg	1.73	0.608	1	A
Heptachlor epoxide	ND		ug/kg	3.24	0.971	1	A
Endrin	ND		ug/kg	0.719	0.295	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.755	1	A
Endrin ketone	ND		ug/kg	1.73	0.444	1	A
Dieldrin	ND		ug/kg	1.08	0.539	1	A
4,4'-DDE	ND		ug/kg	1.73	0.399	1	A
4,4'-DDD	ND		ug/kg	1.73	0.616	1	A
4,4'-DDT	ND		ug/kg	3.24	1.39	1	A
Endosulfan I	ND		ug/kg	1.73	0.408	1	A
Endosulfan II	ND		ug/kg	1.73	0.577	1	A
Endosulfan sulfate	ND		ug/kg	0.719	0.342	1	A
Methoxychlor	ND		ug/kg	3.24	1.01	1	A
Toxaphene	ND		ug/kg	32.4	9.06	1	A
cis-Chlordane	ND		ug/kg	2.16	0.601	1	A
trans-Chlordane	ND		ug/kg	2.16	0.570	1	A
Chlordane	ND		ug/kg	14.0	5.72	1	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-03
Client ID: SB-3 (7-7.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 13:10
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	92		30-150	B
Decachlorobiphenyl	94		30-150	B
2,4,5,6-Tetrachloro-m-xylene	93		30-150	A
Decachlorobiphenyl	113		30-150	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-04
Client ID: SB-3 (15-15.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 13:15
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/09/20 22:27
Analyst: BM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 22:44
Cleanup Method: EPA 3620B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.326	1	A
Lindane	ND		ug/kg	0.693	0.310	1	A
Alpha-BHC	ND		ug/kg	0.693	0.197	1	A
Beta-BHC	ND		ug/kg	1.66	0.631	1	A
Heptachlor	ND		ug/kg	0.832	0.373	1	A
Aldrin	ND		ug/kg	1.66	0.586	1	A
Heptachlor epoxide	ND		ug/kg	3.12	0.936	1	A
Endrin	ND		ug/kg	0.693	0.284	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.728	1	A
Endrin ketone	ND		ug/kg	1.66	0.428	1	A
Dieldrin	ND		ug/kg	1.04	0.520	1	A
4,4'-DDE	ND		ug/kg	1.66	0.385	1	A
4,4'-DDD	ND		ug/kg	1.66	0.593	1	A
4,4'-DDT	ND		ug/kg	3.12	1.34	1	A
Endosulfan I	ND		ug/kg	1.66	0.393	1	A
Endosulfan II	ND		ug/kg	1.66	0.556	1	A
Endosulfan sulfate	ND		ug/kg	0.693	0.330	1	A
Methoxychlor	ND		ug/kg	3.12	0.970	1	A
Toxaphene	ND		ug/kg	31.2	8.73	1	A
cis-Chlordane	ND		ug/kg	2.08	0.579	1	A
trans-Chlordane	ND		ug/kg	2.08	0.549	1	A
Chlordane	ND		ug/kg	13.5	5.51	1	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-04
Client ID: SB-3 (15-15.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 13:15
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	93		30-150	B
Decachlorobiphenyl	88		30-150	B
2,4,5,6-Tetrachloro-m-xylene	92		30-150	A
Decachlorobiphenyl	102		30-150	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-05
Client ID: SB-6 (5.5-6')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 11:55
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/10/20 10:26
Analyst: DGM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 22:44
Cleanup Method: EPA 3620B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.328	1	A
Lindane	ND		ug/kg	0.697	0.312	1	A
Alpha-BHC	ND		ug/kg	0.697	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.634	1	A
Heptachlor	ND		ug/kg	0.836	0.375	1	A
Aldrin	ND		ug/kg	1.67	0.589	1	A
Heptachlor epoxide	1.41	J	ug/kg	3.14	0.941	1	B
Endrin	ND		ug/kg	0.697	0.286	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.732	1	A
Endrin ketone	ND		ug/kg	1.67	0.431	1	A
Dieldrin	ND		ug/kg	1.04	0.523	1	A
4,4'-DDE	21.5		ug/kg	1.67	0.387	1	B
4,4'-DDD	9.38		ug/kg	1.67	0.596	1	B
4,4'-DDT	46.4		ug/kg	3.14	1.34	1	A
Endosulfan I	ND		ug/kg	1.67	0.395	1	A
Endosulfan II	ND		ug/kg	1.67	0.559	1	A
Endosulfan sulfate	ND		ug/kg	0.697	0.332	1	A
Methoxychlor	ND		ug/kg	3.14	0.976	1	A
Toxaphene	ND		ug/kg	31.4	8.78	1	A
cis-Chlordane	4.18		ug/kg	2.09	0.582	1	A
trans-Chlordane	2.88	IP	ug/kg	2.09	0.552	1	A
Chlordane	ND		ug/kg	13.6	5.54	1	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-05
Client ID: SB-6 (5.5-6')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 11:55
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	106		30-150	B
2,4,5,6-Tetrachloro-m-xylene	81		30-150	A
Decachlorobiphenyl	100		30-150	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-06
Client ID: SB-6 (15.5-16')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 12:00
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/09/20 22:53
Analyst: BM
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 22:44
Cleanup Method: EPA 3620B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.321	1	A
Lindane	ND		ug/kg	0.682	0.305	1	A
Alpha-BHC	ND		ug/kg	0.682	0.194	1	A
Beta-BHC	ND		ug/kg	1.64	0.621	1	A
Heptachlor	ND		ug/kg	0.819	0.367	1	A
Aldrin	ND		ug/kg	1.64	0.576	1	A
Heptachlor epoxide	ND		ug/kg	3.07	0.921	1	A
Endrin	ND		ug/kg	0.682	0.280	1	A
Endrin aldehyde	ND		ug/kg	2.05	0.716	1	A
Endrin ketone	ND		ug/kg	1.64	0.422	1	A
Dieldrin	ND		ug/kg	1.02	0.512	1	A
4,4'-DDE	ND		ug/kg	1.64	0.379	1	A
4,4'-DDD	ND		ug/kg	1.64	0.584	1	A
4,4'-DDT	ND		ug/kg	3.07	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.387	1	A
Endosulfan II	ND		ug/kg	1.64	0.547	1	A
Endosulfan sulfate	ND		ug/kg	0.682	0.325	1	A
Methoxychlor	ND		ug/kg	3.07	0.955	1	A
Toxaphene	ND		ug/kg	30.7	8.60	1	A
cis-Chlordane	ND		ug/kg	2.05	0.570	1	A
trans-Chlordane	ND		ug/kg	2.05	0.540	1	A
Chlordane	ND		ug/kg	13.3	5.42	1	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-06
Client ID: SB-6 (15.5-16')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 12:00
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	75		30-150	B
2,4,5,6-Tetrachloro-m-xylene	85		30-150	A
Decachlorobiphenyl	88		30-150	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-07
Client ID: SB-7 (6-6.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 10:40
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/09/20 23:06
Analyst: BM
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 22:44
Cleanup Method: EPA 3620B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.322	1	A
Lindane	ND		ug/kg	0.685	0.306	1	A
Alpha-BHC	ND		ug/kg	0.685	0.194	1	A
Beta-BHC	ND		ug/kg	1.64	0.623	1	A
Heptachlor	ND		ug/kg	0.822	0.368	1	A
Aldrin	ND		ug/kg	1.64	0.579	1	A
Heptachlor epoxide	ND		ug/kg	3.08	0.925	1	A
Endrin	ND		ug/kg	0.685	0.281	1	A
Endrin aldehyde	ND		ug/kg	2.05	0.719	1	A
Endrin ketone	ND		ug/kg	1.64	0.423	1	A
Dieldrin	ND		ug/kg	1.03	0.514	1	A
4,4'-DDE	ND		ug/kg	1.64	0.380	1	A
4,4'-DDD	ND		ug/kg	1.64	0.586	1	A
4,4'-DDT	ND		ug/kg	3.08	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.388	1	A
Endosulfan II	ND		ug/kg	1.64	0.549	1	A
Endosulfan sulfate	ND		ug/kg	0.685	0.326	1	A
Methoxychlor	ND		ug/kg	3.08	0.959	1	A
Toxaphene	ND		ug/kg	30.8	8.63	1	A
cis-Chlordane	ND		ug/kg	2.05	0.573	1	A
trans-Chlordane	ND		ug/kg	2.05	0.542	1	A
Chlordane	ND		ug/kg	13.4	5.44	1	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-07
Client ID: SB-7 (6-6.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 10:40
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	74		30-150	B
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	85		30-150	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-08
Client ID: SB-7 (15-15.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 10:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/09/20 23:19
Analyst: BM
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 22:44
Cleanup Method: EPA 3620B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.62	0.318	1	A
Lindane	ND		ug/kg	0.677	0.303	1	A
Alpha-BHC	ND		ug/kg	0.677	0.192	1	A
Beta-BHC	ND		ug/kg	1.62	0.616	1	A
Heptachlor	ND		ug/kg	0.813	0.364	1	A
Aldrin	ND		ug/kg	1.62	0.572	1	A
Heptachlor epoxide	ND		ug/kg	3.05	0.914	1	A
Endrin	ND		ug/kg	0.677	0.278	1	A
Endrin aldehyde	ND		ug/kg	2.03	0.711	1	A
Endrin ketone	ND		ug/kg	1.62	0.418	1	A
Dieldrin	ND		ug/kg	1.02	0.508	1	A
4,4'-DDE	ND		ug/kg	1.62	0.376	1	B
4,4'-DDD	ND		ug/kg	1.62	0.580	1	A
4,4'-DDT	ND		ug/kg	3.05	1.31	1	A
Endosulfan I	ND		ug/kg	1.62	0.384	1	A
Endosulfan II	ND		ug/kg	1.62	0.543	1	A
Endosulfan sulfate	ND		ug/kg	0.677	0.322	1	A
Methoxychlor	ND		ug/kg	3.05	0.948	1	A
Toxaphene	ND		ug/kg	30.5	8.53	1	A
cis-Chlordane	ND		ug/kg	2.03	0.566	1	A
trans-Chlordane	ND		ug/kg	2.03	0.536	1	A
Chlordane	ND		ug/kg	13.2	5.38	1	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-08
Client ID: SB-7 (15-15.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 10:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	79		30-150	B
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	91		30-150	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-09
Client ID: SB-9 (3.5-4')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 08:10
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/09/20 23:32
Analyst: BM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 22:44
Cleanup Method: EPA 3620B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.65	0.324	1	A
Lindane	ND		ug/kg	0.688	0.308	1	A
Alpha-BHC	ND		ug/kg	0.688	0.196	1	A
Beta-BHC	ND		ug/kg	1.65	0.626	1	A
Heptachlor	ND		ug/kg	0.826	0.370	1	A
Aldrin	ND		ug/kg	1.65	0.582	1	A
Heptachlor epoxide	ND		ug/kg	3.10	0.929	1	A
Endrin	ND		ug/kg	0.688	0.282	1	A
Endrin aldehyde	ND		ug/kg	2.06	0.723	1	A
Endrin ketone	ND		ug/kg	1.65	0.425	1	A
Dieldrin	ND		ug/kg	1.03	0.516	1	A
4,4'-DDE	ND		ug/kg	1.65	0.382	1	A
4,4'-DDD	ND		ug/kg	1.65	0.589	1	A
4,4'-DDT	ND		ug/kg	3.10	1.33	1	A
Endosulfan I	ND		ug/kg	1.65	0.390	1	A
Endosulfan II	ND		ug/kg	1.65	0.552	1	A
Endosulfan sulfate	ND		ug/kg	0.688	0.328	1	A
Methoxychlor	ND		ug/kg	3.10	0.964	1	A
Toxaphene	ND		ug/kg	31.0	8.67	1	A
cis-Chlordane	ND		ug/kg	2.06	0.576	1	A
trans-Chlordane	ND		ug/kg	2.06	0.545	1	A
Chlordane	ND		ug/kg	13.4	5.47	1	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-09
Client ID: SB-9 (3.5-4')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 08:10
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		30-150	B
Decachlorobiphenyl	77		30-150	B
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	86		30-150	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-10
Client ID: SB-9 (15-15.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 08:25
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/09/20 23:45
Analyst: BM
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 22:44
Cleanup Method: EPA 3620B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.65	0.323	1	A
Lindane	ND		ug/kg	0.686	0.307	1	A
Alpha-BHC	ND		ug/kg	0.686	0.195	1	A
Beta-BHC	ND		ug/kg	1.65	0.625	1	A
Heptachlor	ND		ug/kg	0.824	0.369	1	A
Aldrin	ND		ug/kg	1.65	0.580	1	A
Heptachlor epoxide	ND		ug/kg	3.09	0.927	1	A
Endrin	ND		ug/kg	0.686	0.281	1	A
Endrin aldehyde	ND		ug/kg	2.06	0.721	1	A
Endrin ketone	ND		ug/kg	1.65	0.424	1	A
Dieldrin	ND		ug/kg	1.03	0.515	1	A
4,4'-DDE	ND		ug/kg	1.65	0.381	1	A
4,4'-DDD	ND		ug/kg	1.65	0.588	1	A
4,4'-DDT	ND		ug/kg	3.09	1.32	1	A
Endosulfan I	ND		ug/kg	1.65	0.389	1	A
Endosulfan II	ND		ug/kg	1.65	0.550	1	A
Endosulfan sulfate	ND		ug/kg	0.686	0.327	1	A
Methoxychlor	ND		ug/kg	3.09	0.961	1	A
Toxaphene	ND		ug/kg	30.9	8.65	1	A
cis-Chlordane	ND		ug/kg	2.06	0.574	1	A
trans-Chlordane	ND		ug/kg	2.06	0.544	1	A
Chlordane	ND		ug/kg	13.4	5.46	1	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-10
Client ID: SB-9 (15-15.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 08:25
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	75		30-150	B
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	89		30-150	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-11
Client ID: SB-10 (2-2.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 09:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/09/20 23:58
Analyst: BM
Percent Solids: 86%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 22:44
Cleanup Method: EPA 3620B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.357	1	A
Lindane	ND		ug/kg	0.760	0.340	1	A
Alpha-BHC	ND		ug/kg	0.760	0.216	1	A
Beta-BHC	ND		ug/kg	1.82	0.692	1	A
Heptachlor	ND		ug/kg	0.912	0.409	1	A
Aldrin	ND		ug/kg	1.82	0.642	1	A
Heptachlor epoxide	ND		ug/kg	3.42	1.03	1	A
Endrin	ND		ug/kg	0.760	0.312	1	A
Endrin aldehyde	ND		ug/kg	2.28	0.798	1	A
Endrin ketone	ND		ug/kg	1.82	0.470	1	A
Dieldrin	ND		ug/kg	1.14	0.570	1	A
4,4'-DDE	ND		ug/kg	1.82	0.422	1	A
4,4'-DDD	ND		ug/kg	1.82	0.651	1	A
4,4'-DDT	ND		ug/kg	3.42	1.47	1	A
Endosulfan I	ND		ug/kg	1.82	0.431	1	A
Endosulfan II	ND		ug/kg	1.82	0.610	1	A
Endosulfan sulfate	ND		ug/kg	0.760	0.362	1	A
Methoxychlor	ND		ug/kg	3.42	1.06	1	A
Toxaphene	ND		ug/kg	34.2	9.58	1	A
cis-Chlordane	ND		ug/kg	2.28	0.636	1	A
trans-Chlordane	ND		ug/kg	2.28	0.602	1	A
Chlordane	ND		ug/kg	14.8	6.04	1	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-11
Client ID: SB-10 (2-2.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 09:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	76		30-150	B
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	84		30-150	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-12
Client ID: SB-10 (15-15.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 10:00
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/10/20 00:11
Analyst: BM
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 22:44
Cleanup Method: EPA 3620B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.55	0.304	1	A
Lindane	ND		ug/kg	0.647	0.289	1	A
Alpha-BHC	ND		ug/kg	0.647	0.184	1	A
Beta-BHC	ND		ug/kg	1.55	0.588	1	A
Heptachlor	ND		ug/kg	0.776	0.348	1	A
Aldrin	ND		ug/kg	1.55	0.546	1	A
Heptachlor epoxide	ND		ug/kg	2.91	0.873	1	A
Endrin	ND		ug/kg	0.647	0.265	1	A
Endrin aldehyde	ND		ug/kg	1.94	0.679	1	A
Endrin ketone	ND		ug/kg	1.55	0.400	1	A
Dieldrin	ND		ug/kg	0.970	0.485	1	A
4,4'-DDE	ND		ug/kg	1.55	0.359	1	A
4,4'-DDD	ND		ug/kg	1.55	0.554	1	A
4,4'-DDT	ND		ug/kg	2.91	1.25	1	A
Endosulfan I	ND		ug/kg	1.55	0.367	1	A
Endosulfan II	ND		ug/kg	1.55	0.519	1	A
Endosulfan sulfate	ND		ug/kg	0.647	0.308	1	A
Methoxychlor	ND		ug/kg	2.91	0.905	1	A
Toxaphene	ND		ug/kg	29.1	8.15	1	A
cis-Chlordane	ND		ug/kg	1.94	0.541	1	A
trans-Chlordane	ND		ug/kg	1.94	0.512	1	A
Chlordane	ND		ug/kg	12.6	5.14	1	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-12
Client ID: SB-10 (15-15.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 10:00
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	82		30-150	B
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	101		30-150	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-13
Client ID: DUP1S (1-7-20)
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 09:55
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/10/20 00:23
Analyst: BM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 22:46
Cleanup Method: EPA 3620B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.357	1	A
Lindane	ND		ug/kg	0.760	0.340	1	A
Alpha-BHC	ND		ug/kg	0.760	0.216	1	A
Beta-BHC	ND		ug/kg	1.82	0.692	1	A
Heptachlor	ND		ug/kg	0.912	0.409	1	A
Aldrin	ND		ug/kg	1.82	0.642	1	A
Heptachlor epoxide	ND		ug/kg	3.42	1.03	1	A
Endrin	ND		ug/kg	0.760	0.312	1	A
Endrin aldehyde	ND		ug/kg	2.28	0.798	1	A
Endrin ketone	ND		ug/kg	1.82	0.470	1	A
Dieldrin	ND		ug/kg	1.14	0.570	1	A
4,4'-DDE	ND		ug/kg	1.82	0.422	1	A
4,4'-DDD	ND		ug/kg	1.82	0.651	1	A
4,4'-DDT	ND		ug/kg	3.42	1.47	1	A
Endosulfan I	ND		ug/kg	1.82	0.431	1	A
Endosulfan II	ND		ug/kg	1.82	0.610	1	A
Endosulfan sulfate	ND		ug/kg	0.760	0.362	1	A
Methoxychlor	ND		ug/kg	3.42	1.06	1	A
Toxaphene	ND		ug/kg	34.2	9.58	1	A
cis-Chlordane	ND		ug/kg	2.28	0.635	1	A
trans-Chlordane	ND		ug/kg	2.28	0.602	1	A
Chlordane	ND		ug/kg	14.8	6.04	1	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-13
Client ID: DUP1S (1-7-20)
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 09:55
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	74		30-150	B
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	84		30-150	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-14
Client ID: DUP2S (1-7-20)
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 12:05
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/10/20 00:36
Analyst: BM
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 01/08/20 22:46
Cleanup Method: EPA 3620B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.56	0.306	1	A
Lindane	ND		ug/kg	0.652	0.291	1	A
Alpha-BHC	ND		ug/kg	0.652	0.185	1	A
Beta-BHC	ND		ug/kg	1.56	0.593	1	A
Heptachlor	ND		ug/kg	0.782	0.350	1	A
Aldrin	ND		ug/kg	1.56	0.551	1	A
Heptachlor epoxide	ND		ug/kg	2.93	0.880	1	A
Endrin	ND		ug/kg	0.652	0.267	1	A
Endrin aldehyde	ND		ug/kg	1.95	0.684	1	A
Endrin ketone	ND		ug/kg	1.56	0.403	1	A
Dieldrin	ND		ug/kg	0.977	0.489	1	A
4,4'-DDE	ND		ug/kg	1.56	0.362	1	A
4,4'-DDD	ND		ug/kg	1.56	0.558	1	A
4,4'-DDT	ND		ug/kg	2.93	1.26	1	A
Endosulfan I	ND		ug/kg	1.56	0.369	1	A
Endosulfan II	ND		ug/kg	1.56	0.523	1	A
Endosulfan sulfate	ND		ug/kg	0.652	0.310	1	A
Methoxychlor	ND		ug/kg	2.93	0.912	1	A
Toxaphene	ND		ug/kg	29.3	8.21	1	A
cis-Chlordane	ND		ug/kg	1.95	0.545	1	A
trans-Chlordane	ND		ug/kg	1.95	0.516	1	A
Chlordane	ND		ug/kg	12.7	5.18	1	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-14
Client ID: DUP2S (1-7-20)
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 12:05
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	77		30-150	B
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	87		30-150	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/09/20 16:37
Analyst: SL

Extraction Method: EPA 3546
Extraction Date: 01/08/20 22:44
Cleanup Method: EPA 3620B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-14 Batch: WG1328148-1						
Delta-BHC	ND		ug/kg	1.56	0.305	A
Lindane	ND		ug/kg	0.648	0.290	A
Alpha-BHC	ND		ug/kg	0.648	0.184	A
Beta-BHC	ND		ug/kg	1.56	0.590	A
Heptachlor	ND		ug/kg	0.778	0.349	A
Aldrin	ND		ug/kg	1.56	0.548	A
Heptachlor epoxide	ND		ug/kg	2.92	0.875	A
Endrin	ND		ug/kg	0.648	0.266	A
Endrin aldehyde	ND		ug/kg	1.94	0.680	A
Endrin ketone	ND		ug/kg	1.56	0.400	A
Dieldrin	ND		ug/kg	0.972	0.486	A
4,4'-DDE	ND		ug/kg	1.56	0.360	A
4,4'-DDD	ND		ug/kg	1.56	0.555	A
4,4'-DDT	ND		ug/kg	2.92	1.25	A
Endosulfan I	ND		ug/kg	1.56	0.367	A
Endosulfan II	ND		ug/kg	1.56	0.520	A
Endosulfan sulfate	ND		ug/kg	0.648	0.308	A
Methoxychlor	ND		ug/kg	2.92	0.907	A
Toxaphene	ND		ug/kg	29.2	8.16	A
cis-Chlordane	ND		ug/kg	1.94	0.542	A
trans-Chlordane	ND		ug/kg	1.94	0.513	A
Chlordane	ND		ug/kg	12.6	5.15	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/09/20 16:37
Analyst: SL

Extraction Method: EPA 3546
Extraction Date: 01/08/20 22:44
Cleanup Method: EPA 3620B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-14 Batch: WG1328148-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	54		30-150	B
2,4,5,6-Tetrachloro-m-xylene	51		30-150	A
Decachlorobiphenyl	50		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000632

Report Date: 01/14/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-14 Batch: WG1328148-2 WG1328148-3									
Delta-BHC	86		93		30-150	8		30	A
Lindane	84		90		30-150	7		30	A
Alpha-BHC	87		94		30-150	8		30	A
Beta-BHC	81		86		30-150	6		30	A
Heptachlor	84		89		30-150	6		30	A
Aldrin	85		91		30-150	7		30	A
Heptachlor epoxide	88		93		30-150	6		30	A
Endrin	93		99		30-150	6		30	A
Endrin aldehyde	56		58		30-150	4		30	A
Endrin ketone	88		93		30-150	6		30	A
Dieldrin	91		98		30-150	7		30	A
4,4'-DDE	90		95		30-150	5		30	A
4,4'-DDD	90		97		30-150	7		30	A
4,4'-DDT	92		99		30-150	7		30	A
Endosulfan I	82		85		30-150	4		30	A
Endosulfan II	89		94		30-150	5		30	A
Endosulfan sulfate	71		76		30-150	7		30	A
Methoxychlor	94		102		30-150	8		30	A
cis-Chlordane	76		81		30-150	6		30	A
trans-Chlordane	76		80		30-150	5		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000632

Report Date: 01/14/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-14 Batch: WG1328148-2 WG1328148-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	88		94		30-150	B
Decachlorobiphenyl	82		88		30-150	B
2,4,5,6-Tetrachloro-m-xylene	79		82		30-150	A
Decachlorobiphenyl	76		80		30-150	A

METALS

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-01
Client ID: SB-2 (3.5-4')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 13:45
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5700		mg/kg	8.36	2.26	2	01/08/20 21:11	01/09/20 15:33	EPA 3050B	1,6010D	LC
Antimony, Total	0.577	J	mg/kg	4.18	0.318	2	01/08/20 21:11	01/09/20 15:33	EPA 3050B	1,6010D	LC
Arsenic, Total	3.80		mg/kg	0.836	0.174	2	01/08/20 21:11	01/09/20 15:33	EPA 3050B	1,6010D	LC
Barium, Total	22.4		mg/kg	0.836	0.145	2	01/08/20 21:11	01/09/20 15:33	EPA 3050B	1,6010D	LC
Beryllium, Total	0.284	J	mg/kg	0.418	0.028	2	01/08/20 21:11	01/09/20 15:33	EPA 3050B	1,6010D	LC
Cadmium, Total	0.334	J	mg/kg	0.836	0.082	2	01/08/20 21:11	01/09/20 15:33	EPA 3050B	1,6010D	LC
Calcium, Total	544		mg/kg	8.36	2.93	2	01/08/20 21:11	01/09/20 15:33	EPA 3050B	1,6010D	LC
Chromium, Total	9.56		mg/kg	0.836	0.080	2	01/08/20 21:11	01/09/20 15:33	EPA 3050B	1,6010D	LC
Cobalt, Total	5.15		mg/kg	1.67	0.139	2	01/08/20 21:11	01/09/20 15:33	EPA 3050B	1,6010D	LC
Copper, Total	6.45		mg/kg	0.836	0.216	2	01/08/20 21:11	01/09/20 15:33	EPA 3050B	1,6010D	LC
Iron, Total	13800		mg/kg	4.18	0.755	2	01/08/20 21:11	01/09/20 15:33	EPA 3050B	1,6010D	LC
Lead, Total	3.25	J	mg/kg	4.18	0.224	2	01/08/20 21:11	01/09/20 15:33	EPA 3050B	1,6010D	LC
Magnesium, Total	1410		mg/kg	8.36	1.29	2	01/08/20 21:11	01/09/20 15:33	EPA 3050B	1,6010D	LC
Manganese, Total	196		mg/kg	0.836	0.133	2	01/08/20 21:11	01/09/20 15:33	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.069	0.045	1	01/08/20 07:50	01/08/20 15:22	EPA 7471B	1,7471B	GD
Nickel, Total	8.30		mg/kg	2.09	0.202	2	01/08/20 21:11	01/09/20 15:33	EPA 3050B	1,6010D	LC
Potassium, Total	291		mg/kg	209	12.0	2	01/08/20 21:11	01/09/20 15:33	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	1.67	0.216	2	01/08/20 21:11	01/09/20 15:33	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.836	0.237	2	01/08/20 21:11	01/09/20 15:33	EPA 3050B	1,6010D	LC
Sodium, Total	24.0	J	mg/kg	167	2.63	2	01/08/20 21:11	01/09/20 15:33	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.67	0.263	2	01/08/20 21:11	01/09/20 15:33	EPA 3050B	1,6010D	LC
Vanadium, Total	14.9		mg/kg	0.836	0.170	2	01/08/20 21:11	01/09/20 15:33	EPA 3050B	1,6010D	LC
Zinc, Total	36.8		mg/kg	4.18	0.245	2	01/08/20 21:11	01/09/20 15:33	EPA 3050B	1,6010D	LC

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-02
Client ID: SB-2 (16-16.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 13:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3760		mg/kg	8.16	2.20	2	01/08/20 21:11	01/09/20 15:49	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	4.08	0.310	2	01/08/20 21:11	01/09/20 15:49	EPA 3050B	1,6010D	LC
Arsenic, Total	1.92		mg/kg	0.816	0.170	2	01/08/20 21:11	01/09/20 15:49	EPA 3050B	1,6010D	LC
Barium, Total	15.6		mg/kg	0.816	0.142	2	01/08/20 21:11	01/09/20 15:49	EPA 3050B	1,6010D	LC
Beryllium, Total	0.196	J	mg/kg	0.408	0.027	2	01/08/20 21:11	01/09/20 15:49	EPA 3050B	1,6010D	LC
Cadmium, Total	0.236	J	mg/kg	0.816	0.080	2	01/08/20 21:11	01/09/20 15:49	EPA 3050B	1,6010D	LC
Calcium, Total	352		mg/kg	8.16	2.86	2	01/08/20 21:11	01/09/20 15:49	EPA 3050B	1,6010D	LC
Chromium, Total	6.60		mg/kg	0.816	0.078	2	01/08/20 21:11	01/09/20 15:49	EPA 3050B	1,6010D	LC
Cobalt, Total	3.52		mg/kg	1.63	0.135	2	01/08/20 21:11	01/09/20 15:49	EPA 3050B	1,6010D	LC
Copper, Total	5.90		mg/kg	0.816	0.210	2	01/08/20 21:11	01/09/20 15:49	EPA 3050B	1,6010D	LC
Iron, Total	8180		mg/kg	4.08	0.737	2	01/08/20 21:11	01/09/20 15:49	EPA 3050B	1,6010D	LC
Lead, Total	1.77	J	mg/kg	4.08	0.219	2	01/08/20 21:11	01/09/20 15:49	EPA 3050B	1,6010D	LC
Magnesium, Total	1260		mg/kg	8.16	1.26	2	01/08/20 21:11	01/09/20 15:49	EPA 3050B	1,6010D	LC
Manganese, Total	155		mg/kg	0.816	0.130	2	01/08/20 21:11	01/09/20 15:49	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.066	0.043	1	01/08/20 07:50	01/08/20 15:31	EPA 7471B	1,7471B	GD
Nickel, Total	10.7		mg/kg	2.04	0.197	2	01/08/20 21:11	01/09/20 15:49	EPA 3050B	1,6010D	LC
Potassium, Total	234		mg/kg	204	11.7	2	01/08/20 21:11	01/09/20 15:49	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	1.63	0.210	2	01/08/20 21:11	01/09/20 15:49	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.816	0.231	2	01/08/20 21:11	01/09/20 15:49	EPA 3050B	1,6010D	LC
Sodium, Total	20.6	J	mg/kg	163	2.57	2	01/08/20 21:11	01/09/20 15:49	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.63	0.257	2	01/08/20 21:11	01/09/20 15:49	EPA 3050B	1,6010D	LC
Vanadium, Total	10.4		mg/kg	0.816	0.166	2	01/08/20 21:11	01/09/20 15:49	EPA 3050B	1,6010D	LC
Zinc, Total	45.3		mg/kg	4.08	0.239	2	01/08/20 21:11	01/09/20 15:49	EPA 3050B	1,6010D	LC

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-03
Client ID: SB-3 (7-7.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 13:10
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4660		mg/kg	8.55	2.31	2	01/08/20 21:11	01/09/20 15:53	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	4.28	0.325	2	01/08/20 21:11	01/09/20 15:53	EPA 3050B	1,6010D	LC
Arsenic, Total	1.18		mg/kg	0.855	0.178	2	01/08/20 21:11	01/09/20 15:53	EPA 3050B	1,6010D	LC
Barium, Total	28.5		mg/kg	0.855	0.149	2	01/08/20 21:11	01/09/20 15:53	EPA 3050B	1,6010D	LC
Beryllium, Total	0.197	J	mg/kg	0.428	0.028	2	01/08/20 21:11	01/09/20 15:53	EPA 3050B	1,6010D	LC
Cadmium, Total	0.308	J	mg/kg	0.855	0.084	2	01/08/20 21:11	01/09/20 15:53	EPA 3050B	1,6010D	LC
Calcium, Total	600		mg/kg	8.55	2.99	2	01/08/20 21:11	01/09/20 15:53	EPA 3050B	1,6010D	LC
Chromium, Total	11.7		mg/kg	0.855	0.082	2	01/08/20 21:11	01/09/20 15:53	EPA 3050B	1,6010D	LC
Cobalt, Total	5.35		mg/kg	1.71	0.142	2	01/08/20 21:11	01/09/20 15:53	EPA 3050B	1,6010D	LC
Copper, Total	11.2		mg/kg	0.855	0.221	2	01/08/20 21:11	01/09/20 15:53	EPA 3050B	1,6010D	LC
Iron, Total	10700		mg/kg	4.28	0.772	2	01/08/20 21:11	01/09/20 15:53	EPA 3050B	1,6010D	LC
Lead, Total	2.60	J	mg/kg	4.28	0.229	2	01/08/20 21:11	01/09/20 15:53	EPA 3050B	1,6010D	LC
Magnesium, Total	1630		mg/kg	8.55	1.32	2	01/08/20 21:11	01/09/20 15:53	EPA 3050B	1,6010D	LC
Manganese, Total	244		mg/kg	0.855	0.136	2	01/08/20 21:11	01/09/20 15:53	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.068	0.044	1	01/08/20 07:50	01/08/20 15:32	EPA 7471B	1,7471B	GD
Nickel, Total	12.3		mg/kg	2.14	0.207	2	01/08/20 21:11	01/09/20 15:53	EPA 3050B	1,6010D	LC
Potassium, Total	785		mg/kg	214	12.3	2	01/08/20 21:11	01/09/20 15:53	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	1.71	0.221	2	01/08/20 21:11	01/09/20 15:53	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.855	0.242	2	01/08/20 21:11	01/09/20 15:53	EPA 3050B	1,6010D	LC
Sodium, Total	47.3	J	mg/kg	171	2.69	2	01/08/20 21:11	01/09/20 15:53	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.71	0.269	2	01/08/20 21:11	01/09/20 15:53	EPA 3050B	1,6010D	LC
Vanadium, Total	15.7		mg/kg	0.855	0.174	2	01/08/20 21:11	01/09/20 15:53	EPA 3050B	1,6010D	LC
Zinc, Total	23.4		mg/kg	4.28	0.250	2	01/08/20 21:11	01/09/20 15:53	EPA 3050B	1,6010D	LC

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-04
Client ID: SB-3 (15-15.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 13:15
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3900		mg/kg	8.64	2.33	2	01/08/20 21:11	01/09/20 15:57	EPA 3050B	1,6010D	LC
Antimony, Total	0.415	J	mg/kg	4.32	0.328	2	01/08/20 21:11	01/09/20 15:57	EPA 3050B	1,6010D	LC
Arsenic, Total	1.85		mg/kg	0.864	0.180	2	01/08/20 21:11	01/09/20 15:57	EPA 3050B	1,6010D	LC
Barium, Total	24.5		mg/kg	0.864	0.150	2	01/08/20 21:11	01/09/20 15:57	EPA 3050B	1,6010D	LC
Beryllium, Total	0.156	J	mg/kg	0.432	0.029	2	01/08/20 21:11	01/09/20 15:57	EPA 3050B	1,6010D	LC
Cadmium, Total	0.389	J	mg/kg	0.864	0.085	2	01/08/20 21:11	01/09/20 15:57	EPA 3050B	1,6010D	LC
Calcium, Total	2130		mg/kg	8.64	3.02	2	01/08/20 21:11	01/09/20 15:57	EPA 3050B	1,6010D	LC
Chromium, Total	9.62		mg/kg	0.864	0.083	2	01/08/20 21:11	01/09/20 15:57	EPA 3050B	1,6010D	LC
Cobalt, Total	7.30		mg/kg	1.73	0.143	2	01/08/20 21:11	01/09/20 15:57	EPA 3050B	1,6010D	LC
Copper, Total	78.1		mg/kg	0.864	0.223	2	01/08/20 21:11	01/09/20 15:57	EPA 3050B	1,6010D	LC
Iron, Total	13400		mg/kg	4.32	0.780	2	01/08/20 21:11	01/09/20 15:57	EPA 3050B	1,6010D	LC
Lead, Total	4.73		mg/kg	4.32	0.232	2	01/08/20 21:11	01/09/20 15:57	EPA 3050B	1,6010D	LC
Magnesium, Total	1750		mg/kg	8.64	1.33	2	01/08/20 21:11	01/09/20 15:57	EPA 3050B	1,6010D	LC
Manganese, Total	276		mg/kg	0.864	0.137	2	01/08/20 21:11	01/09/20 15:57	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.068	0.044	1	01/08/20 07:50	01/08/20 15:34	EPA 7471B	1,7471B	GD
Nickel, Total	24.6		mg/kg	2.16	0.209	2	01/08/20 21:11	01/09/20 15:57	EPA 3050B	1,6010D	LC
Potassium, Total	1040		mg/kg	216	12.4	2	01/08/20 21:11	01/09/20 15:57	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	1.73	0.223	2	01/08/20 21:11	01/09/20 15:57	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.864	0.244	2	01/08/20 21:11	01/09/20 15:57	EPA 3050B	1,6010D	LC
Sodium, Total	161	J	mg/kg	173	2.72	2	01/08/20 21:11	01/09/20 15:57	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.73	0.272	2	01/08/20 21:11	01/09/20 15:57	EPA 3050B	1,6010D	LC
Vanadium, Total	21.5		mg/kg	0.864	0.175	2	01/08/20 21:11	01/09/20 15:57	EPA 3050B	1,6010D	LC
Zinc, Total	35.3		mg/kg	4.32	0.253	2	01/08/20 21:11	01/09/20 15:57	EPA 3050B	1,6010D	LC

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-05
Client ID: SB-6 (5.5-6')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 11:55
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5310		mg/kg	8.15	2.20	2	01/08/20 21:11	01/09/20 16:26	EPA 3050B	1,6010D	LC
Antimony, Total	0.350	J	mg/kg	4.07	0.310	2	01/08/20 21:11	01/09/20 16:26	EPA 3050B	1,6010D	LC
Arsenic, Total	2.31		mg/kg	0.815	0.170	2	01/08/20 21:11	01/09/20 16:26	EPA 3050B	1,6010D	LC
Barium, Total	17.6		mg/kg	0.815	0.142	2	01/08/20 21:11	01/09/20 16:26	EPA 3050B	1,6010D	LC
Beryllium, Total	0.228	J	mg/kg	0.407	0.027	2	01/08/20 21:11	01/09/20 16:26	EPA 3050B	1,6010D	LC
Cadmium, Total	0.293	J	mg/kg	0.815	0.080	2	01/08/20 21:11	01/09/20 16:26	EPA 3050B	1,6010D	LC
Calcium, Total	604		mg/kg	8.15	2.85	2	01/08/20 21:11	01/09/20 16:26	EPA 3050B	1,6010D	LC
Chromium, Total	8.67		mg/kg	0.815	0.078	2	01/08/20 21:11	01/09/20 16:26	EPA 3050B	1,6010D	LC
Cobalt, Total	5.59		mg/kg	1.63	0.135	2	01/08/20 21:11	01/09/20 16:26	EPA 3050B	1,6010D	LC
Copper, Total	11.9		mg/kg	0.815	0.210	2	01/08/20 21:11	01/09/20 16:26	EPA 3050B	1,6010D	LC
Iron, Total	10200		mg/kg	4.07	0.736	2	01/08/20 21:11	01/09/20 16:26	EPA 3050B	1,6010D	LC
Lead, Total	2.55	J	mg/kg	4.07	0.218	2	01/08/20 21:11	01/09/20 16:26	EPA 3050B	1,6010D	LC
Magnesium, Total	1910		mg/kg	8.15	1.26	2	01/08/20 21:11	01/09/20 16:26	EPA 3050B	1,6010D	LC
Manganese, Total	217		mg/kg	0.815	0.130	2	01/08/20 21:11	01/09/20 16:26	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.068	0.044	1	01/08/20 07:50	01/08/20 15:39	EPA 7471B	1,7471B	GD
Nickel, Total	15.3		mg/kg	2.04	0.197	2	01/08/20 21:11	01/09/20 16:26	EPA 3050B	1,6010D	LC
Potassium, Total	439		mg/kg	204	11.7	2	01/08/20 21:11	01/09/20 16:26	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	1.63	0.210	2	01/08/20 21:11	01/09/20 16:26	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.815	0.231	2	01/08/20 21:11	01/09/20 16:26	EPA 3050B	1,6010D	LC
Sodium, Total	45.1	J	mg/kg	163	2.57	2	01/08/20 21:11	01/09/20 16:26	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.63	0.257	2	01/08/20 21:11	01/09/20 16:26	EPA 3050B	1,6010D	LC
Vanadium, Total	12.8		mg/kg	0.815	0.165	2	01/08/20 21:11	01/09/20 16:26	EPA 3050B	1,6010D	LC
Zinc, Total	25.0		mg/kg	4.07	0.239	2	01/08/20 21:11	01/09/20 16:26	EPA 3050B	1,6010D	LC

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-06
Client ID: SB-6 (15.5-16')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 12:00
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1660		mg/kg	7.84	2.12	2	01/08/20 21:11	01/09/20 16:31	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	3.92	0.298	2	01/08/20 21:11	01/09/20 16:31	EPA 3050B	1,6010D	LC
Arsenic, Total	0.901		mg/kg	0.784	0.163	2	01/08/20 21:11	01/09/20 16:31	EPA 3050B	1,6010D	LC
Barium, Total	13.4		mg/kg	0.784	0.136	2	01/08/20 21:11	01/09/20 16:31	EPA 3050B	1,6010D	LC
Beryllium, Total	0.102	J	mg/kg	0.392	0.026	2	01/08/20 21:11	01/09/20 16:31	EPA 3050B	1,6010D	LC
Cadmium, Total	0.157	J	mg/kg	0.784	0.077	2	01/08/20 21:11	01/09/20 16:31	EPA 3050B	1,6010D	LC
Calcium, Total	472		mg/kg	7.84	2.74	2	01/08/20 21:11	01/09/20 16:31	EPA 3050B	1,6010D	LC
Chromium, Total	5.12		mg/kg	0.784	0.075	2	01/08/20 21:11	01/09/20 16:31	EPA 3050B	1,6010D	LC
Cobalt, Total	2.57		mg/kg	1.57	0.130	2	01/08/20 21:11	01/09/20 16:31	EPA 3050B	1,6010D	LC
Copper, Total	5.91		mg/kg	0.784	0.202	2	01/08/20 21:11	01/09/20 16:31	EPA 3050B	1,6010D	LC
Iron, Total	5510		mg/kg	3.92	0.708	2	01/08/20 21:11	01/09/20 16:31	EPA 3050B	1,6010D	LC
Lead, Total	0.705	J	mg/kg	3.92	0.210	2	01/08/20 21:11	01/09/20 16:31	EPA 3050B	1,6010D	LC
Magnesium, Total	962		mg/kg	7.84	1.21	2	01/08/20 21:11	01/09/20 16:31	EPA 3050B	1,6010D	LC
Manganese, Total	150		mg/kg	0.784	0.124	2	01/08/20 21:11	01/09/20 16:31	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.065	0.042	1	01/08/20 07:50	01/08/20 15:41	EPA 7471B	1,7471B	GD
Nickel, Total	6.18		mg/kg	1.96	0.190	2	01/08/20 21:11	01/09/20 16:31	EPA 3050B	1,6010D	LC
Potassium, Total	249		mg/kg	196	11.3	2	01/08/20 21:11	01/09/20 16:31	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	1.57	0.202	2	01/08/20 21:11	01/09/20 16:31	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.784	0.222	2	01/08/20 21:11	01/09/20 16:31	EPA 3050B	1,6010D	LC
Sodium, Total	35.1	J	mg/kg	157	2.47	2	01/08/20 21:11	01/09/20 16:31	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.57	0.247	2	01/08/20 21:11	01/09/20 16:31	EPA 3050B	1,6010D	LC
Vanadium, Total	6.70		mg/kg	0.784	0.159	2	01/08/20 21:11	01/09/20 16:31	EPA 3050B	1,6010D	LC
Zinc, Total	10.2		mg/kg	3.92	0.230	2	01/08/20 21:11	01/09/20 16:31	EPA 3050B	1,6010D	LC

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-07
Client ID: SB-7 (6-6.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 10:40
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3650		mg/kg	8.08	2.18	2	01/08/20 21:11	01/09/20 16:35	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	4.04	0.307	2	01/08/20 21:11	01/09/20 16:35	EPA 3050B	1,6010D	LC
Arsenic, Total	1.24		mg/kg	0.808	0.168	2	01/08/20 21:11	01/09/20 16:35	EPA 3050B	1,6010D	LC
Barium, Total	33.2		mg/kg	0.808	0.141	2	01/08/20 21:11	01/09/20 16:35	EPA 3050B	1,6010D	LC
Beryllium, Total	0.178	J	mg/kg	0.404	0.027	2	01/08/20 21:11	01/09/20 16:35	EPA 3050B	1,6010D	LC
Cadmium, Total	0.267	J	mg/kg	0.808	0.079	2	01/08/20 21:11	01/09/20 16:35	EPA 3050B	1,6010D	LC
Calcium, Total	626		mg/kg	8.08	2.83	2	01/08/20 21:11	01/09/20 16:35	EPA 3050B	1,6010D	LC
Chromium, Total	11.0		mg/kg	0.808	0.078	2	01/08/20 21:11	01/09/20 16:35	EPA 3050B	1,6010D	LC
Cobalt, Total	4.78		mg/kg	1.62	0.134	2	01/08/20 21:11	01/09/20 16:35	EPA 3050B	1,6010D	LC
Copper, Total	11.3		mg/kg	0.808	0.208	2	01/08/20 21:11	01/09/20 16:35	EPA 3050B	1,6010D	LC
Iron, Total	9000		mg/kg	4.04	0.730	2	01/08/20 21:11	01/09/20 16:35	EPA 3050B	1,6010D	LC
Lead, Total	1.76	J	mg/kg	4.04	0.217	2	01/08/20 21:11	01/09/20 16:35	EPA 3050B	1,6010D	LC
Magnesium, Total	1580		mg/kg	8.08	1.24	2	01/08/20 21:11	01/09/20 16:35	EPA 3050B	1,6010D	LC
Manganese, Total	268		mg/kg	0.808	0.128	2	01/08/20 21:11	01/09/20 16:35	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.066	0.043	1	01/08/20 07:50	01/08/20 15:43	EPA 7471B	1,7471B	GD
Nickel, Total	19.5		mg/kg	2.02	0.196	2	01/08/20 21:11	01/09/20 16:35	EPA 3050B	1,6010D	LC
Potassium, Total	534		mg/kg	202	11.6	2	01/08/20 21:11	01/09/20 16:35	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	1.62	0.208	2	01/08/20 21:11	01/09/20 16:35	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.808	0.229	2	01/08/20 21:11	01/09/20 16:35	EPA 3050B	1,6010D	LC
Sodium, Total	108	J	mg/kg	162	2.55	2	01/08/20 21:11	01/09/20 16:35	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.62	0.255	2	01/08/20 21:11	01/09/20 16:35	EPA 3050B	1,6010D	LC
Vanadium, Total	16.8		mg/kg	0.808	0.164	2	01/08/20 21:11	01/09/20 16:35	EPA 3050B	1,6010D	LC
Zinc, Total	19.8		mg/kg	4.04	0.237	2	01/08/20 21:11	01/09/20 16:35	EPA 3050B	1,6010D	LC

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-08
Client ID: SB-7 (15-15.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 10:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4360		mg/kg	8.17	2.21	2	01/08/20 21:11	01/09/20 16:39	EPA 3050B	1,6010D	LC
Antimony, Total	0.507	J	mg/kg	4.09	0.311	2	01/08/20 21:11	01/09/20 16:39	EPA 3050B	1,6010D	LC
Arsenic, Total	1.99		mg/kg	0.817	0.170	2	01/08/20 21:11	01/09/20 16:39	EPA 3050B	1,6010D	LC
Barium, Total	41.3		mg/kg	0.817	0.142	2	01/08/20 21:11	01/09/20 16:39	EPA 3050B	1,6010D	LC
Beryllium, Total	0.319	J	mg/kg	0.409	0.027	2	01/08/20 21:11	01/09/20 16:39	EPA 3050B	1,6010D	LC
Cadmium, Total	0.417	J	mg/kg	0.817	0.080	2	01/08/20 21:11	01/09/20 16:39	EPA 3050B	1,6010D	LC
Calcium, Total	2120		mg/kg	8.17	2.86	2	01/08/20 21:11	01/09/20 16:39	EPA 3050B	1,6010D	LC
Chromium, Total	14.6		mg/kg	0.817	0.079	2	01/08/20 21:11	01/09/20 16:39	EPA 3050B	1,6010D	LC
Cobalt, Total	5.60		mg/kg	1.63	0.136	2	01/08/20 21:11	01/09/20 16:39	EPA 3050B	1,6010D	LC
Copper, Total	21.0		mg/kg	0.817	0.211	2	01/08/20 21:11	01/09/20 16:39	EPA 3050B	1,6010D	LC
Iron, Total	12300		mg/kg	4.09	0.738	2	01/08/20 21:11	01/09/20 16:39	EPA 3050B	1,6010D	LC
Lead, Total	23.3		mg/kg	4.09	0.219	2	01/08/20 21:11	01/09/20 16:39	EPA 3050B	1,6010D	LC
Magnesium, Total	3560		mg/kg	8.17	1.26	2	01/08/20 21:11	01/09/20 16:39	EPA 3050B	1,6010D	LC
Manganese, Total	568		mg/kg	0.817	0.130	2	01/08/20 21:11	01/09/20 16:39	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.066	0.043	1	01/08/20 07:50	01/08/20 15:44	EPA 7471B	1,7471B	GD
Nickel, Total	23.2		mg/kg	2.04	0.198	2	01/08/20 21:11	01/09/20 16:39	EPA 3050B	1,6010D	LC
Potassium, Total	710		mg/kg	204	11.8	2	01/08/20 21:11	01/09/20 16:39	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	1.63	0.211	2	01/08/20 21:11	01/09/20 16:39	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.817	0.231	2	01/08/20 21:11	01/09/20 16:39	EPA 3050B	1,6010D	LC
Sodium, Total	90.2	J	mg/kg	163	2.57	2	01/08/20 21:11	01/09/20 16:39	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.63	0.257	2	01/08/20 21:11	01/09/20 16:39	EPA 3050B	1,6010D	LC
Vanadium, Total	20.0		mg/kg	0.817	0.166	2	01/08/20 21:11	01/09/20 16:39	EPA 3050B	1,6010D	LC
Zinc, Total	49.0		mg/kg	4.09	0.240	2	01/08/20 21:11	01/09/20 16:39	EPA 3050B	1,6010D	LC

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-09
Client ID: SB-9 (3.5-4')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 08:10
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5530		mg/kg	8.53	2.30	2	01/08/20 21:11	01/09/20 16:43	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	4.27	0.324	2	01/08/20 21:11	01/09/20 16:43	EPA 3050B	1,6010D	LC
Arsenic, Total	1.69		mg/kg	0.853	0.178	2	01/08/20 21:11	01/09/20 16:43	EPA 3050B	1,6010D	LC
Barium, Total	44.8		mg/kg	0.853	0.148	2	01/08/20 21:11	01/09/20 16:43	EPA 3050B	1,6010D	LC
Beryllium, Total	0.307	J	mg/kg	0.427	0.028	2	01/08/20 21:11	01/09/20 16:43	EPA 3050B	1,6010D	LC
Cadmium, Total	0.282	J	mg/kg	0.853	0.084	2	01/08/20 21:11	01/09/20 16:43	EPA 3050B	1,6010D	LC
Calcium, Total	530		mg/kg	8.53	2.99	2	01/08/20 21:11	01/09/20 16:43	EPA 3050B	1,6010D	LC
Chromium, Total	11.0		mg/kg	0.853	0.082	2	01/08/20 21:11	01/09/20 16:43	EPA 3050B	1,6010D	LC
Cobalt, Total	5.54		mg/kg	1.71	0.142	2	01/08/20 21:11	01/09/20 16:43	EPA 3050B	1,6010D	LC
Copper, Total	10.8		mg/kg	0.853	0.220	2	01/08/20 21:11	01/09/20 16:43	EPA 3050B	1,6010D	LC
Iron, Total	10600		mg/kg	4.27	0.771	2	01/08/20 21:11	01/09/20 16:43	EPA 3050B	1,6010D	LC
Lead, Total	2.56	J	mg/kg	4.27	0.229	2	01/08/20 21:11	01/09/20 16:43	EPA 3050B	1,6010D	LC
Magnesium, Total	1830		mg/kg	8.53	1.31	2	01/08/20 21:11	01/09/20 16:43	EPA 3050B	1,6010D	LC
Manganese, Total	352		mg/kg	0.853	0.136	2	01/08/20 21:11	01/09/20 16:43	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.068	0.044	1	01/08/20 07:50	01/08/20 15:46	EPA 7471B	1,7471B	GD
Nickel, Total	12.5		mg/kg	2.13	0.206	2	01/08/20 21:11	01/09/20 16:43	EPA 3050B	1,6010D	LC
Potassium, Total	665		mg/kg	213	12.3	2	01/08/20 21:11	01/09/20 16:43	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	1.71	0.220	2	01/08/20 21:11	01/09/20 16:43	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.853	0.242	2	01/08/20 21:11	01/09/20 16:43	EPA 3050B	1,6010D	LC
Sodium, Total	190		mg/kg	171	2.69	2	01/08/20 21:11	01/09/20 16:43	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.71	0.269	2	01/08/20 21:11	01/09/20 16:43	EPA 3050B	1,6010D	LC
Vanadium, Total	15.9		mg/kg	0.853	0.173	2	01/08/20 21:11	01/09/20 16:43	EPA 3050B	1,6010D	LC
Zinc, Total	21.2		mg/kg	4.27	0.250	2	01/08/20 21:11	01/09/20 16:43	EPA 3050B	1,6010D	LC

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-10
Client ID: SB-9 (15-15.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 08:25
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3070		mg/kg	8.06	2.18	2	01/08/20 21:11	01/09/20 16:47	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	4.03	0.306	2	01/08/20 21:11	01/09/20 16:47	EPA 3050B	1,6010D	LC
Arsenic, Total	1.26		mg/kg	0.806	0.168	2	01/08/20 21:11	01/09/20 16:47	EPA 3050B	1,6010D	LC
Barium, Total	22.0		mg/kg	0.806	0.140	2	01/08/20 21:11	01/09/20 16:47	EPA 3050B	1,6010D	LC
Beryllium, Total	0.161	J	mg/kg	0.403	0.027	2	01/08/20 21:11	01/09/20 16:47	EPA 3050B	1,6010D	LC
Cadmium, Total	0.258	J	mg/kg	0.806	0.079	2	01/08/20 21:11	01/09/20 16:47	EPA 3050B	1,6010D	LC
Calcium, Total	776		mg/kg	8.06	2.82	2	01/08/20 21:11	01/09/20 16:47	EPA 3050B	1,6010D	LC
Chromium, Total	10.0		mg/kg	0.806	0.077	2	01/08/20 21:11	01/09/20 16:47	EPA 3050B	1,6010D	LC
Cobalt, Total	4.47		mg/kg	1.61	0.134	2	01/08/20 21:11	01/09/20 16:47	EPA 3050B	1,6010D	LC
Copper, Total	10.0		mg/kg	0.806	0.208	2	01/08/20 21:11	01/09/20 16:47	EPA 3050B	1,6010D	LC
Iron, Total	8980		mg/kg	4.03	0.728	2	01/08/20 21:11	01/09/20 16:47	EPA 3050B	1,6010D	LC
Lead, Total	2.07	J	mg/kg	4.03	0.216	2	01/08/20 21:11	01/09/20 16:47	EPA 3050B	1,6010D	LC
Magnesium, Total	1780		mg/kg	8.06	1.24	2	01/08/20 21:11	01/09/20 16:47	EPA 3050B	1,6010D	LC
Manganese, Total	210		mg/kg	0.806	0.128	2	01/08/20 21:11	01/09/20 16:47	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.066	0.043	1	01/08/20 07:50	01/08/20 15:48	EPA 7471B	1,7471B	GD
Nickel, Total	13.9		mg/kg	2.02	0.195	2	01/08/20 21:11	01/09/20 16:47	EPA 3050B	1,6010D	LC
Potassium, Total	590		mg/kg	202	11.6	2	01/08/20 21:11	01/09/20 16:47	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	1.61	0.208	2	01/08/20 21:11	01/09/20 16:47	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.806	0.228	2	01/08/20 21:11	01/09/20 16:47	EPA 3050B	1,6010D	LC
Sodium, Total	71.1	J	mg/kg	161	2.54	2	01/08/20 21:11	01/09/20 16:47	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.61	0.254	2	01/08/20 21:11	01/09/20 16:47	EPA 3050B	1,6010D	LC
Vanadium, Total	13.7		mg/kg	0.806	0.164	2	01/08/20 21:11	01/09/20 16:47	EPA 3050B	1,6010D	LC
Zinc, Total	22.1		mg/kg	4.03	0.236	2	01/08/20 21:11	01/09/20 16:47	EPA 3050B	1,6010D	LC

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-11
Client ID: SB-10 (2-2.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 09:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 86%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7840		mg/kg	8.93	2.41	2	01/08/20 21:11	01/09/20 16:51	EPA 3050B	1,6010D	LC
Antimony, Total	1.04	J	mg/kg	4.46	0.339	2	01/08/20 21:11	01/09/20 16:51	EPA 3050B	1,6010D	LC
Arsenic, Total	5.47		mg/kg	0.893	0.186	2	01/08/20 21:11	01/09/20 16:51	EPA 3050B	1,6010D	LC
Barium, Total	17.2		mg/kg	0.893	0.155	2	01/08/20 21:11	01/09/20 16:51	EPA 3050B	1,6010D	LC
Beryllium, Total	0.241	J	mg/kg	0.446	0.029	2	01/08/20 21:11	01/09/20 16:51	EPA 3050B	1,6010D	LC
Cadmium, Total	0.491	J	mg/kg	0.893	0.088	2	01/08/20 21:11	01/09/20 16:51	EPA 3050B	1,6010D	LC
Calcium, Total	784		mg/kg	8.93	3.12	2	01/08/20 21:11	01/09/20 16:51	EPA 3050B	1,6010D	LC
Chromium, Total	19.1		mg/kg	0.893	0.086	2	01/08/20 21:11	01/09/20 16:51	EPA 3050B	1,6010D	LC
Cobalt, Total	6.36		mg/kg	1.78	0.148	2	01/08/20 21:11	01/09/20 16:51	EPA 3050B	1,6010D	LC
Copper, Total	9.90		mg/kg	0.893	0.230	2	01/08/20 21:11	01/09/20 16:51	EPA 3050B	1,6010D	LC
Iron, Total	19800		mg/kg	4.46	0.806	2	01/08/20 21:11	01/09/20 16:51	EPA 3050B	1,6010D	LC
Lead, Total	5.87		mg/kg	4.46	0.239	2	01/08/20 21:11	01/09/20 16:51	EPA 3050B	1,6010D	LC
Magnesium, Total	1970		mg/kg	8.93	1.37	2	01/08/20 21:11	01/09/20 16:51	EPA 3050B	1,6010D	LC
Manganese, Total	178		mg/kg	0.893	0.142	2	01/08/20 21:11	01/09/20 16:51	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.073	0.047	1	01/08/20 07:50	01/08/20 15:49	EPA 7471B	1,7471B	GD
Nickel, Total	9.21		mg/kg	2.23	0.216	2	01/08/20 21:11	01/09/20 16:51	EPA 3050B	1,6010D	LC
Potassium, Total	398		mg/kg	223	12.8	2	01/08/20 21:11	01/09/20 16:51	EPA 3050B	1,6010D	LC
Selenium, Total	0.304	J	mg/kg	1.78	0.230	2	01/08/20 21:11	01/09/20 16:51	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.893	0.253	2	01/08/20 21:11	01/09/20 16:51	EPA 3050B	1,6010D	LC
Sodium, Total	26.5	J	mg/kg	178	2.81	2	01/08/20 21:11	01/09/20 16:51	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.78	0.281	2	01/08/20 21:11	01/09/20 16:51	EPA 3050B	1,6010D	LC
Vanadium, Total	22.7		mg/kg	0.893	0.181	2	01/08/20 21:11	01/09/20 16:51	EPA 3050B	1,6010D	LC
Zinc, Total	28.8		mg/kg	4.46	0.262	2	01/08/20 21:11	01/09/20 16:51	EPA 3050B	1,6010D	LC

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-12
Client ID: SB-10 (15-15.5')
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 10:00
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2140		mg/kg	7.94	2.14	2	01/08/20 21:11	01/09/20 16:55	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	3.97	0.302	2	01/08/20 21:11	01/09/20 16:55	EPA 3050B	1,6010D	LC
Arsenic, Total	0.985		mg/kg	0.794	0.165	2	01/08/20 21:11	01/09/20 16:55	EPA 3050B	1,6010D	LC
Barium, Total	18.1		mg/kg	0.794	0.138	2	01/08/20 21:11	01/09/20 16:55	EPA 3050B	1,6010D	LC
Beryllium, Total	0.111	J	mg/kg	0.397	0.026	2	01/08/20 21:11	01/09/20 16:55	EPA 3050B	1,6010D	LC
Cadmium, Total	0.191	J	mg/kg	0.794	0.078	2	01/08/20 21:11	01/09/20 16:55	EPA 3050B	1,6010D	LC
Calcium, Total	638		mg/kg	7.94	2.78	2	01/08/20 21:11	01/09/20 16:55	EPA 3050B	1,6010D	LC
Chromium, Total	5.20		mg/kg	0.794	0.076	2	01/08/20 21:11	01/09/20 16:55	EPA 3050B	1,6010D	LC
Cobalt, Total	3.37		mg/kg	1.59	0.132	2	01/08/20 21:11	01/09/20 16:55	EPA 3050B	1,6010D	LC
Copper, Total	7.61		mg/kg	0.794	0.205	2	01/08/20 21:11	01/09/20 16:55	EPA 3050B	1,6010D	LC
Iron, Total	6650		mg/kg	3.97	0.717	2	01/08/20 21:11	01/09/20 16:55	EPA 3050B	1,6010D	LC
Lead, Total	1.25	J	mg/kg	3.97	0.213	2	01/08/20 21:11	01/09/20 16:55	EPA 3050B	1,6010D	LC
Magnesium, Total	1120		mg/kg	7.94	1.22	2	01/08/20 21:11	01/09/20 16:55	EPA 3050B	1,6010D	LC
Manganese, Total	220		mg/kg	0.794	0.126	2	01/08/20 21:11	01/09/20 16:55	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.065	0.042	1	01/08/20 07:50	01/08/20 15:51	EPA 7471B	1,7471B	GD
Nickel, Total	8.37		mg/kg	1.98	0.192	2	01/08/20 21:11	01/09/20 16:55	EPA 3050B	1,6010D	LC
Potassium, Total	250		mg/kg	198	11.4	2	01/08/20 21:11	01/09/20 16:55	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	1.59	0.205	2	01/08/20 21:11	01/09/20 16:55	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.794	0.225	2	01/08/20 21:11	01/09/20 16:55	EPA 3050B	1,6010D	LC
Sodium, Total	49.8	J	mg/kg	159	2.50	2	01/08/20 21:11	01/09/20 16:55	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.59	0.250	2	01/08/20 21:11	01/09/20 16:55	EPA 3050B	1,6010D	LC
Vanadium, Total	7.99		mg/kg	0.794	0.161	2	01/08/20 21:11	01/09/20 16:55	EPA 3050B	1,6010D	LC
Zinc, Total	13.5		mg/kg	3.97	0.233	2	01/08/20 21:11	01/09/20 16:55	EPA 3050B	1,6010D	LC

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-13
Client ID: DUP1S (1-7-20)
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 09:55
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9420		mg/kg	8.80	2.38	2	01/08/20 21:11	01/09/20 16:59	EPA 3050B	1,6010D	LC
Antimony, Total	0.686	J	mg/kg	4.40	0.334	2	01/08/20 21:11	01/09/20 16:59	EPA 3050B	1,6010D	LC
Arsenic, Total	5.00		mg/kg	0.880	0.183	2	01/08/20 21:11	01/09/20 16:59	EPA 3050B	1,6010D	LC
Barium, Total	38.1		mg/kg	0.880	0.153	2	01/08/20 21:11	01/09/20 16:59	EPA 3050B	1,6010D	LC
Beryllium, Total	0.422	J	mg/kg	0.440	0.029	2	01/08/20 21:11	01/09/20 16:59	EPA 3050B	1,6010D	LC
Cadmium, Total	0.607	J	mg/kg	0.880	0.086	2	01/08/20 21:11	01/09/20 16:59	EPA 3050B	1,6010D	LC
Calcium, Total	745		mg/kg	8.80	3.08	2	01/08/20 21:11	01/09/20 16:59	EPA 3050B	1,6010D	LC
Chromium, Total	15.3		mg/kg	0.880	0.084	2	01/08/20 21:11	01/09/20 16:59	EPA 3050B	1,6010D	LC
Cobalt, Total	11.3		mg/kg	1.76	0.146	2	01/08/20 21:11	01/09/20 16:59	EPA 3050B	1,6010D	LC
Copper, Total	16.6		mg/kg	0.880	0.227	2	01/08/20 21:11	01/09/20 16:59	EPA 3050B	1,6010D	LC
Iron, Total	22600		mg/kg	4.40	0.794	2	01/08/20 21:11	01/09/20 16:59	EPA 3050B	1,6010D	LC
Lead, Total	6.44		mg/kg	4.40	0.236	2	01/08/20 21:11	01/09/20 16:59	EPA 3050B	1,6010D	LC
Magnesium, Total	2910		mg/kg	8.80	1.35	2	01/08/20 21:11	01/09/20 16:59	EPA 3050B	1,6010D	LC
Manganese, Total	510		mg/kg	0.880	0.140	2	01/08/20 21:11	01/09/20 16:59	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.072	0.047	1	01/08/20 07:50	01/08/20 15:53	EPA 7471B	1,7471B	GD
Nickel, Total	17.8		mg/kg	2.20	0.213	2	01/08/20 21:11	01/09/20 16:59	EPA 3050B	1,6010D	LC
Potassium, Total	497		mg/kg	220	12.7	2	01/08/20 21:11	01/09/20 16:59	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	1.76	0.227	2	01/08/20 21:11	01/09/20 16:59	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.880	0.249	2	01/08/20 21:11	01/09/20 16:59	EPA 3050B	1,6010D	LC
Sodium, Total	49.7	J	mg/kg	176	2.77	2	01/08/20 21:11	01/09/20 16:59	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.76	0.277	2	01/08/20 21:11	01/09/20 16:59	EPA 3050B	1,6010D	LC
Vanadium, Total	38.4		mg/kg	0.880	0.178	2	01/08/20 21:11	01/09/20 16:59	EPA 3050B	1,6010D	LC
Zinc, Total	35.5		mg/kg	4.40	0.258	2	01/08/20 21:11	01/09/20 16:59	EPA 3050B	1,6010D	LC

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-14
Client ID: DUP2S (1-7-20)
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 12:05
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	1930		mg/kg	8.19	2.21	2	01/08/20 21:11	01/09/20 17:03	EPA 3050B	1,6010D	LC
Antimony, Total	ND		mg/kg	4.09	0.311	2	01/08/20 21:11	01/09/20 17:03	EPA 3050B	1,6010D	LC
Arsenic, Total	0.729	J	mg/kg	0.819	0.170	2	01/08/20 21:11	01/09/20 17:03	EPA 3050B	1,6010D	LC
Barium, Total	14.1		mg/kg	0.819	0.142	2	01/08/20 21:11	01/09/20 17:03	EPA 3050B	1,6010D	LC
Beryllium, Total	0.115	J	mg/kg	0.409	0.027	2	01/08/20 21:11	01/09/20 17:03	EPA 3050B	1,6010D	LC
Cadmium, Total	0.164	J	mg/kg	0.819	0.080	2	01/08/20 21:11	01/09/20 17:03	EPA 3050B	1,6010D	LC
Calcium, Total	501		mg/kg	8.19	2.86	2	01/08/20 21:11	01/09/20 17:03	EPA 3050B	1,6010D	LC
Chromium, Total	5.13		mg/kg	0.819	0.079	2	01/08/20 21:11	01/09/20 17:03	EPA 3050B	1,6010D	LC
Cobalt, Total	2.44		mg/kg	1.64	0.136	2	01/08/20 21:11	01/09/20 17:03	EPA 3050B	1,6010D	LC
Copper, Total	7.66		mg/kg	0.819	0.211	2	01/08/20 21:11	01/09/20 17:03	EPA 3050B	1,6010D	LC
Iron, Total	6080		mg/kg	4.09	0.739	2	01/08/20 21:11	01/09/20 17:03	EPA 3050B	1,6010D	LC
Lead, Total	0.393	J	mg/kg	4.09	0.219	2	01/08/20 21:11	01/09/20 17:03	EPA 3050B	1,6010D	LC
Magnesium, Total	915		mg/kg	8.19	1.26	2	01/08/20 21:11	01/09/20 17:03	EPA 3050B	1,6010D	LC
Manganese, Total	143		mg/kg	0.819	0.130	2	01/08/20 21:11	01/09/20 17:03	EPA 3050B	1,6010D	LC
Mercury, Total	ND		mg/kg	0.065	0.042	1	01/08/20 07:50	01/08/20 15:55	EPA 7471B	1,7471B	GD
Nickel, Total	6.42		mg/kg	2.05	0.198	2	01/08/20 21:11	01/09/20 17:03	EPA 3050B	1,6010D	LC
Potassium, Total	250		mg/kg	205	11.8	2	01/08/20 21:11	01/09/20 17:03	EPA 3050B	1,6010D	LC
Selenium, Total	ND		mg/kg	1.64	0.211	2	01/08/20 21:11	01/09/20 17:03	EPA 3050B	1,6010D	LC
Silver, Total	ND		mg/kg	0.819	0.232	2	01/08/20 21:11	01/09/20 17:03	EPA 3050B	1,6010D	LC
Sodium, Total	62.5	J	mg/kg	164	2.58	2	01/08/20 21:11	01/09/20 17:03	EPA 3050B	1,6010D	LC
Thallium, Total	ND		mg/kg	1.64	0.258	2	01/08/20 21:11	01/09/20 17:03	EPA 3050B	1,6010D	LC
Vanadium, Total	7.20		mg/kg	0.819	0.166	2	01/08/20 21:11	01/09/20 17:03	EPA 3050B	1,6010D	LC
Zinc, Total	11.0		mg/kg	4.09	0.240	2	01/08/20 21:11	01/09/20 17:03	EPA 3050B	1,6010D	LC

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-14 Batch: WG1327811-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	01/08/20 07:50	01/08/20 15:16	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-14 Batch: WG1328111-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	01/08/20 21:11	01/09/20 15:25	1,6010D	LC
Antimony, Total	ND		mg/kg	2.00	0.152	1	01/08/20 21:11	01/09/20 15:25	1,6010D	LC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	01/08/20 21:11	01/09/20 15:25	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	01/08/20 21:11	01/09/20 15:25	1,6010D	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	01/08/20 21:11	01/09/20 15:25	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	01/08/20 21:11	01/09/20 15:25	1,6010D	LC
Calcium, Total	ND		mg/kg	4.00	1.40	1	01/08/20 21:11	01/09/20 15:25	1,6010D	LC
Chromium, Total	ND		mg/kg	0.400	0.038	1	01/08/20 21:11	01/09/20 15:25	1,6010D	LC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	01/08/20 21:11	01/09/20 15:25	1,6010D	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	01/08/20 21:11	01/09/20 15:25	1,6010D	LC
Iron, Total	ND		mg/kg	2.00	0.361	1	01/08/20 21:11	01/09/20 15:25	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	01/08/20 21:11	01/09/20 15:25	1,6010D	LC
Magnesium, Total	ND		mg/kg	4.00	0.616	1	01/08/20 21:11	01/09/20 15:25	1,6010D	LC
Manganese, Total	ND		mg/kg	0.400	0.064	1	01/08/20 21:11	01/09/20 15:25	1,6010D	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	01/08/20 21:11	01/09/20 15:25	1,6010D	LC
Potassium, Total	ND		mg/kg	100	5.76	1	01/08/20 21:11	01/09/20 15:25	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	01/08/20 21:11	01/09/20 15:25	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	01/08/20 21:11	01/09/20 15:25	1,6010D	LC
Sodium, Total	ND		mg/kg	80.0	1.26	1	01/08/20 21:11	01/09/20 15:25	1,6010D	LC
Thallium, Total	ND		mg/kg	0.800	0.126	1	01/08/20 21:11	01/09/20 15:25	1,6010D	LC
Vanadium, Total	ND		mg/kg	0.400	0.081	1	01/08/20 21:11	01/09/20 15:25	1,6010D	LC
Zinc, Total	ND		mg/kg	2.00	0.117	1	01/08/20 21:11	01/09/20 15:25	1,6010D	LC

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000632
Report Date: 01/14/20

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000632

Report Date: 01/14/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 Batch: WG1327811-2 SRM Lot Number: D105-540								
Mercury, Total	92		-		60-141	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000632

Report Date: 01/14/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 Batch: WG1328111-2 SRM Lot Number: D105-540					
Aluminum, Total	58	-	51-149	-	
Antimony, Total	158	-	19-249	-	
Arsenic, Total	108	-	70-130	-	
Barium, Total	86	-	75-125	-	
Beryllium, Total	94	-	75-125	-	
Cadmium, Total	100	-	75-125	-	
Calcium, Total	80	-	73-127	-	
Chromium, Total	94	-	70-130	-	
Cobalt, Total	99	-	75-125	-	
Copper, Total	97	-	75-125	-	
Iron, Total	76	-	38-162	-	
Lead, Total	96	-	71-128	-	
Magnesium, Total	81	-	63-137	-	
Manganese, Total	82	-	76-124	-	
Nickel, Total	100	-	70-131	-	
Potassium, Total	72	-	60-140	-	
Selenium, Total	105	-	63-137	-	
Silver, Total	102	-	69-131	-	
Sodium, Total	92	-	37-162	-	
Thallium, Total	97	-	68-132	-	
Vanadium, Total	90	-	65-135	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000632

Report Date: 01/14/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 Batch: WG1328111-2 SRM Lot Number: D105-540					
Zinc, Total	104	-	70-130	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1327811-3 QC Sample: L2000632-01 Client ID: SB-2 (3.5-4')												
Mercury, Total	ND	0.137	0.128	93		-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1328111-3 QC Sample: L2000632-01 Client ID: SB-2 (3.5-4')										
Aluminum, Total	5700	172	6690	**577**	Q	-	-	75-125	-	20
Antimony, Total	0.577J	42.9	38.1	89		-	-	75-125	-	20
Arsenic, Total	3.80	10.3	14.8	107		-	-	75-125	-	20
Barium, Total	22.4	172	188	96		-	-	75-125	-	20
Beryllium, Total	0.284J	4.29	4.43	103		-	-	75-125	-	20
Cadmium, Total	0.334J	4.38	4.67	107		-	-	75-125	-	20
Calcium, Total	544	858	1350	94		-	-	75-125	-	20
Chromium, Total	9.56	17.2	27.1	102		-	-	75-125	-	20
Cobalt, Total	5.15	42.9	45.2	93		-	-	75-125	-	20
Copper, Total	6.45	21.4	27.8	99		-	-	75-125	-	20
Iron, Total	13800	85.8	14700	**1050**	Q	-	-	75-125	-	20
Lead, Total	3.25J	43.8	46.3	106		-	-	75-125	-	20
Magnesium, Total	1410	858	2280	101		-	-	75-125	-	20
Manganese, Total	196	42.9	248	121		-	-	75-125	-	20
Nickel, Total	8.30	42.9	48.9	94		-	-	75-125	-	20
Potassium, Total	291	858	1130	98		-	-	75-125	-	20
Selenium, Total	ND	10.3	9.78	95		-	-	75-125	-	20
Silver, Total	ND	25.8	26.2	102		-	-	75-125	-	20
Sodium, Total	24.0J	858	852	99		-	-	75-125	-	20
Thallium, Total	ND	10.3	9.30	90		-	-	75-125	-	20
Vanadium, Total	14.9	42.9	58.2	101		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1328111-3 QC Sample: L2000632-01 Client ID: SB-2 (3.5-4')									
Zinc, Total	36.8	42.9	85.4	113	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000632

Report Date: 01/14/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1327811-4 QC Sample: L2000632-01 Client ID: SB-2 (3.5-4')						
Mercury, Total	ND	ND	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1328111-4 QC Sample: L2000632-01 Client ID: SB-2 (3.5-4')					
Aluminum, Total	5700	5420	mg/kg	5	20
Antimony, Total	0.577J	0.894J	mg/kg	NC	20
Arsenic, Total	3.80	3.46	mg/kg	9	20
Barium, Total	22.4	21.4	mg/kg	5	20
Beryllium, Total	0.284J	0.272J	mg/kg	NC	20
Cadmium, Total	0.334J	0.349J	mg/kg	NC	20
Calcium, Total	544	520	mg/kg	5	20
Chromium, Total	9.56	9.28	mg/kg	3	20
Cobalt, Total	5.15	5.38	mg/kg	4	20
Copper, Total	6.45	6.42	mg/kg	0	20
Iron, Total	13800	13000	mg/kg	6	20
Lead, Total	3.25J	4.27	mg/kg	NC	20
Magnesium, Total	1410	1380	mg/kg	2	20
Manganese, Total	196	186	mg/kg	5	20
Nickel, Total	8.30	8.70	mg/kg	5	20
Potassium, Total	291	284	mg/kg	2	20
Selenium, Total	ND	0.374J	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	24.0J	26.6J	mg/kg	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000632

Report Date: 01/14/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-14 QC Batch ID: WG1328111-4 QC Sample: L2000632-01 Client ID: SB-2 (3.5-4')					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	14.9	14.6	mg/kg	2	20
Zinc, Total	36.8	35.9	mg/kg	2	20

INORGANICS
&
MISCELLANEOUS

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-01
Client ID: SB-2 (3.5-4')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 13:45
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.3		%	0.100	NA	1	-	01/08/20 12:54	121,2540G	RI

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-02
Client ID: SB-2 (16-16.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 13:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.3		%	0.100	NA	1	-	01/08/20 12:54	121,2540G	RI

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-03
Client ID: SB-3 (7-7.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 13:10
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.5		%	0.100	NA	1	-	01/08/20 12:54	121,2540G	RI

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-04
Client ID: SB-3 (15-15.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 13:15
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.3		%	0.100	NA	1	-	01/08/20 12:54	121,2540G	RI

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-05
Client ID: SB-6 (5.5-6')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 11:55
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.4		%	0.100	NA	1	-	01/08/20 12:54	121,2540G	RI

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-06
Client ID: SB-6 (15.5-16')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 12:00
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	97.2		%	0.100	NA	1	-	01/08/20 12:54	121,2540G	RI

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-07
Client ID: SB-7 (6-6.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 10:40
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.8		%	0.100	NA	1	-	01/08/20 12:54	121,2540G	RI

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-08
Client ID: SB-7 (15-15.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 10:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.2		%	0.100	NA	1	-	01/08/20 12:54	121,2540G	RI

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-09
Client ID: SB-9 (3.5-4')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 08:10
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.7		%	0.100	NA	1	-	01/08/20 12:54	121,2540G	RI

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-10
Client ID: SB-9 (15-15.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 08:25
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.4		%	0.100	NA	1	-	01/08/20 12:54	121,2540G	RI

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-11
Client ID: SB-10 (2-2.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 09:50
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	01/08/20 12:54	121,2540G	RI

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-12
Client ID: SB-10 (15-15.5')
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 10:00
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	97.0		%	0.100	NA	1	-	01/08/20 12:54	121,2540G	RI

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-13
Client ID: DUP1S (1-7-20)
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 09:55
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.3		%	0.100	NA	1	-	01/08/20 12:54	121,2540G	RI

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000632-14
Client ID: DUP2S (1-7-20)
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 12:05
Date Received: 01/07/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	97.0		%	0.100	NA	1	-	01/08/20 12:54	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000632

Report Date: 01/14/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-14 QC Batch ID: WG1327939-1 QC Sample: L2000632-01 Client ID: SB-2 (3.5-4')						
Solids, Total	91.3	91.0	%	0		20

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000632
Report Date: 01/14/20

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2000632-01A	Vial MeOH preserved	B	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2000632-01B	Vial water preserved	B	NA		2.9	Y	Absent	08-JAN-20 03:19	NYTCL-8260HLW(14)
L2000632-01C	Vial water preserved	B	NA		2.9	Y	Absent	08-JAN-20 03:19	NYTCL-8260HLW(14)
L2000632-01D	Plastic 2oz unpreserved for TS	B	NA		2.9	Y	Absent		TS(7)
L2000632-01E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MN-TI(180),HG-T(28),MG-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2000632-01F	Glass 250ml/8oz unpreserved	B	NA		2.9	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2000632-02A	Vial MeOH preserved	B	NA		2.9	Y	Absent		NYTCL-8260HLW(14)
L2000632-02B	Vial water preserved	B	NA		2.9	Y	Absent	08-JAN-20 03:19	NYTCL-8260HLW(14)
L2000632-02C	Vial water preserved	B	NA		2.9	Y	Absent	08-JAN-20 03:19	NYTCL-8260HLW(14)
L2000632-02D	Plastic 2oz unpreserved for TS	B	NA		2.9	Y	Absent		TS(7)
L2000632-02E	Metals Only-Glass 60mL/2oz unpreserved	B	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2000632-02F	Glass 250ml/8oz unpreserved	B	NA		2.9	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2000632-03A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2000632-03B	Vial water preserved	A	NA		2.6	Y	Absent	08-JAN-20 03:19	NYTCL-8260HLW(14)
L2000632-03C	Vial water preserved	A	NA		2.6	Y	Absent	08-JAN-20 03:19	NYTCL-8260HLW(14)
L2000632-03D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2000632-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),PB-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2000632-03F	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2000632-04A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2000632-04B	Vial water preserved	A	NA		2.6	Y	Absent	08-JAN-20 03:19	NYTCL-8260HLW(14)
L2000632-04C	Vial water preserved	A	NA		2.6	Y	Absent	08-JAN-20 03:19	NYTCL-8260HLW(14)
L2000632-04D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L2000632-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),AL-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),FE-TI(180),MG-TI(180),CA-TI(180),K-TI(180),CD-TI(180),NA-TI(180)
L2000632-04F	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2000632-05A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2000632-05B	Vial water preserved	A	NA		2.6	Y	Absent	08-JAN-20 03:19	NYTCL-8260HLW(14)
L2000632-05C	Vial water preserved	A	NA		2.6	Y	Absent	08-JAN-20 03:19	NYTCL-8260HLW(14)
L2000632-05D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L2000632-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),PB-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MG-TI(180),MN-TI(180),FE-TI(180),HG-T(28),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2000632-05F	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2000632-06A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2000632-06B	Vial water preserved	A	NA		2.6	Y	Absent	08-JAN-20 03:19	NYTCL-8260HLW(14)
L2000632-06C	Vial water preserved	A	NA		2.6	Y	Absent	08-JAN-20 03:19	NYTCL-8260HLW(14)
L2000632-06D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2000632-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2000632-06F	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2000632-07A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2000632-07B	Vial water preserved	A	NA		2.6	Y	Absent	08-JAN-20 03:19	NYTCL-8260HLW(14)
L2000632-07C	Vial water preserved	A	NA		2.6	Y	Absent	08-JAN-20 03:19	NYTCL-8260HLW(14)
L2000632-07D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L2000632-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),SB-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2000632-07F	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2000632-08A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2000632-08B	Vial water preserved	A	NA		2.6	Y	Absent	08-JAN-20 03:19	NYTCL-8260HLW(14)
L2000632-08C	Vial water preserved	A	NA		2.6	Y	Absent	08-JAN-20 03:19	NYTCL-8260HLW(14)
L2000632-08D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L2000632-08E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),HG-T(28),FE-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2000632-08F	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2000632-09A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2000632-09B	Vial water preserved	A	NA		2.6	Y	Absent	08-JAN-20 03:19	NYTCL-8260HLW(14)
L2000632-09C	Vial water preserved	A	NA		2.6	Y	Absent	08-JAN-20 03:19	NYTCL-8260HLW(14)
L2000632-09D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2000632-09E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),HG-T(28),MG-TI(180),FE-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2000632-09F	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2000632-10A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2000632-10B	Vial water preserved	A	NA		2.6	Y	Absent	08-JAN-20 03:19	NYTCL-8260HLW(14)
L2000632-10C	Vial water preserved	A	NA		2.6	Y	Absent	08-JAN-20 03:19	NYTCL-8260HLW(14)
L2000632-10D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L2000632-10E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),PB-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),SE-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2000632-10F	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2000632-11A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2000632-11B	Vial water preserved	A	NA		2.6	Y	Absent	08-JAN-20 03:25	NYTCL-8260HLW(14)
L2000632-11C	Vial water preserved	A	NA		2.6	Y	Absent	08-JAN-20 03:25	NYTCL-8260HLW(14)
L2000632-11D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L2000632-11E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),K-TI(180),NA-TI(180),CA-TI(180),CD-TI(180)
L2000632-11F	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2000632-12A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2000632-12B	Vial water preserved	A	NA		2.6	Y	Absent	08-JAN-20 03:25	NYTCL-8260HLW(14)
L2000632-12C	Vial water preserved	A	NA		2.6	Y	Absent	08-JAN-20 03:25	NYTCL-8260HLW(14)
L2000632-12D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2000632-12E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),CU-TI(180),ZN-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),MG-TI(180),HG-T(28),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2000632-12F	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2000632-13A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2000632-13B	Vial water preserved	A	NA		2.6	Y	Absent	08-JAN-20 03:25	NYTCL-8260HLW(14)
L2000632-13C	Vial water preserved	A	NA		2.6	Y	Absent	08-JAN-20 03:25	NYTCL-8260HLW(14)
L2000632-13D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L2000632-13E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),MG-TI(180),HG-T(28),MN-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2000632-13F	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2000632-14A	Vial MeOH preserved	A	NA		2.6	Y	Absent		NYTCL-8260HLW(14)
L2000632-14B	Vial water preserved	A	NA		2.6	Y	Absent	08-JAN-20 03:25	NYTCL-8260HLW(14)
L2000632-14C	Vial water preserved	A	NA		2.6	Y	Absent	08-JAN-20 03:25	NYTCL-8260HLW(14)
L2000632-14D	Plastic 2oz unpreserved for TS	A	NA		2.6	Y	Absent		TS(7)
L2000632-14E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.6	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),CU-TI(180),ZN-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),CD-TI(180),CA-TI(180),NA-TI(180),K-TI(180)
L2000632-14F	Glass 250ml/8oz unpreserved	A	NA		2.6	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)

*Values in parentheses indicate holding time in days

Project Name:	205 PARK AVE	**Lab Number:**	L2000632
Project Number:	12.0076834.10	**Report Date:**	01/14/20

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name:	205 PARK AVE	**Lab Number:**	L2000632
Project Number:	12.0076834.10	**Report Date:**	01/14/20

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

Terms

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

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

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

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

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

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

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

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

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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

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

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration

Report Format: DU Report with 'J' Qualifiers

Project Name:	205 PARK AVE	**Lab Number:**	L2000632
Project Number:	12.0076834.10	**Report Date:**	01/14/20

Data Qualifiers

Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	205 PARK AVE	**Lab Number:**	L2000632
Project Number:	12.0076834.10	**Report Date:**	01/14/20

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

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

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

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

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 1/7/20

ALPHA Job #: L2000632

Client Information
Client: GZA
Address: 55 Lane Rd, Fairfield, NJ 07004
Phone: 973-774-3300
Fax:
Email: Zhan.Shu@gza.com

Project Information
Project Name: 205 Park Ave
Project Location: Brooklyn, NY
Project # 12.0076834.10
(Use Project name as Project #) ☐
Project Manager: Zhan Shu
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

X = Run

Please specify Metals or TAL.

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

Regulatory Requirement
☒ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Total Solids - SM-2540	TCL Volatiles - EPA 8260C	NYTCL Semivolatiles - EPA 8270D	TCL Pesticides - EPA 8081B	TCL PCBs - EPA 8082A	TAL Metals - Total 6010D			Sample Specific Comments	Total Bottle
00632-01	SB-2 (3.5-4')	1/7/20	1345	Soil	NA	X	X	X	X	X	X				
-02	SB-2 (16-16.5')		1350			X	X	X	X	X	X				
-03	SB-3 (7-7.5')		1310			X	X	X	X	X	X				
-04	SB-3 (15-15.5')		1315			X	X	X	X	X	X				
-05	SB-6 (5.5-6')		1155			X	X	X	X	X	X				
-06	SB-6 (15.5-16')		1200			X	X	X	X	X	X				
-07	SB-7 (6-6.5')		1040			X	X	X	X	X	X				
-08	SB-7 (15-15.5')		1050			X	X	X	X	X	X				
-09	SB-9 (3.5-4')		0810			X	X	X	X	X	X				
-10	SB-9 (15-15.5')	↓	0825	↓	↓	X	X	X	X	X	X				

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	1/7/20 1517	AA2	1-7-2- 1517
DOH	1-7-20 1730	AAL	1/8/20 19:15
AAL	1/8/20 23:45		1/7/20 23:45

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

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

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 1/7/20

ALPHA Job #: L2000682

Client Information

Client: GZA
Address: 55 Lane Rd, Fairfield, NJ 07004
Phone: 973-774-3300
Fax:
Email: Zhan.Shu@gza.com

Project Information

Project Name: 205 Park Ave
Project Location: Brooklyn, NY
Project #: 12.0076834.10
(Use Project name as Project #) ☐
Project Manager: Zhan Shu
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☐ Same as Client Info
PO #

Regulatory Requirement

☒ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

X=Run

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Total Solids-SM 2540	TCL Volatiles-EPA 8260C	NY TCL+3 Semivolatiles 8270D	TCL Pesticides-EPA 8081B	TCL PCBs-EPA 8082A	TAL Metals-Total 6010D			Sample Specific Comments	Total Bottle
00632-11	SB-10 (2-2.5')	1-7-20	0950	Soil	NA	X	X	X	X	X	X				
-12	SB-10 (15-15.5')	↓	1000	↓	↓	X	X	X	X	X	X				
-13	DUP 1S (1-7-20)		0955			X	X	X	X	X	X				
-14	DUP 2S (1-7-20)		1205			X	X	X	X	X	X				

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	1/7/20 1517	AAL	1-7-20 1517
	1-7-20 1735	AAL	1/8/20 19:15
AAL	1/8/20 23:45		1/7/20 22:45

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2000463
Client:	GZA GeoEnvironmental, Inc. 55 Lane Road Suite 407 Fairfield, NJ 07004
ATTN:	Zhan Shu
Phone:	(201) 744-0118
Project Name:	205 PARK AVE
Project Number:	12.0076834.10
Report Date:	01/29/20

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2000463-01	SB-1 (6.5-7')	SOIL	Not Specified	01/06/20 08:10	01/06/20
L2000463-02	SB-1 (15.5-16')	SOIL	Not Specified	01/06/20 08:25	01/06/20
L2000463-03	SB-4 (3-3.5')	SOIL	Not Specified	01/06/20 09:55	01/06/20
L2000463-04	SB-4 (15-15.5')	SOIL	Not Specified	01/06/20 10:05	01/06/20
L2000463-05	SB-5 (5.5-6')	SOIL	Not Specified	01/06/20 11:35	01/06/20
L2000463-06	SB-5 (15.5-16')	SOIL	Not Specified	01/06/20 11:40	01/06/20
L2000463-07	SB-8 (5.5-6')	SOIL	Not Specified	01/06/20 14:20	01/06/20
L2000463-08	SB-8 (15.5-16')	SOIL	Not Specified	01/06/20 14:35	01/06/20
L2000463-09	TW-1	WATER	Not Specified	01/06/20 11:50	01/06/20
L2000463-10	FIELD BLANK	WATER	Not Specified	01/06/20 13:00	01/06/20

Project Name:	205 PARK AVE	**Lab Number:**	L2000463
Project Number:	12.0076834.10	**Report Date:**	01/29/20

Case Narrative

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

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

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

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

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

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

Project Name:	205 PARK AVE	**Lab Number:**	L2000463
Project Number:	12.0076834.10	**Report Date:**	01/29/20

Case Narrative (continued)

Report Submission

January 29, 2020: This final report includes the results of all requested analyses.

January 20, 2020: This preliminary report includes the results of the 1,4 Dioxane by 8270D-SIM analysis performed on L2000463-09.

January 13, 2020: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

The WG1327667-2/-3 LCS/LCSD recoveries, associated with L2000463-01 through -08, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Total Metals

L2000463-01 through -08: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

The WG1327792-1 Method Blank, associated with L2000463-01 through -08, has a concentration above the reporting limit for Iron. Since the associated sample concentrations are greater than 10x the blank concentration for this analyte, no corrective action is required.

The WG1327595-3 MS recoveries for aluminum (315%), calcium (130%), iron (470%), manganese (280%) and sodium (0%), performed on L2000463-09, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1327595-3 MS recoveries, performed on L2000463-09, are outside the acceptance criteria for copper (129%) and zinc (142%). A post digestion spike was performed and was within acceptance criteria.

The WG1327595-4 Laboratory Duplicate RPDs for aluminum (29%), arsenic (24%), iron (54%) and vanadium (47%), performed on L2000463-09, are outside the acceptance criteria. The elevated RPDs have been

Project Name: 205 PARK AVE
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Case Narrative (continued)

attributed to the non-homogeneous nature of the native sample.

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

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 01/29/20

ORGANICS

VOLATILES

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-01
Client ID: SB-1 (6.5-7')
Sample Location: Not Specified

Date Collected: 01/06/20 08:10
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/08/20 19:02
Analyst: AD
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.14	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.12	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	ND		ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.69	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.24	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.16	1
Benzene	ND		ug/kg	0.50	0.16	1
Toluene	ND		ug/kg	1.0	0.54	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.93	1
Bromomethane	ND		ug/kg	2.0	0.58	1
Vinyl chloride	ND		ug/kg	1.0	0.33	1
Chloroethane	ND		ug/kg	2.0	0.45	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
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SAMPLE RESULTS

Lab ID: L2000463-01
Client ID: SB-1 (6.5-7')
Sample Location: Not Specified
Date Collected: 01/06/20 08:10
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.56	1
o-Xylene	ND		ug/kg	1.0	0.29	1
Xylenes, Total	ND		ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.91	1
Acetone	ND		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.5	1
2-Butanone	ND		ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.20	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.14	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.14	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.0	0.65	1
Acrylonitrile	ND		ug/kg	4.0	1.1	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-01
Client ID: SB-1 (6.5-7')
Sample Location: Not Specified
Date Collected: 01/06/20 08:10
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33	1
1,4-Dioxane	ND		ug/kg	80	35.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.38	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	103		70-130

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-02
Client ID: SB-1 (15.5-16')
Sample Location: Not Specified

Date Collected: 01/06/20 08:25
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/08/20 19:27
Analyst: AD
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.0	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	0.36	J	ug/kg	0.50	0.20	1
Chlorobenzene	ND		ug/kg	0.50	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.0	0.70	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17	1
Bromodichloromethane	ND		ug/kg	0.50	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.50	0.16	1
Bromoform	ND		ug/kg	4.0	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17	1
Benzene	0.18	J	ug/kg	0.50	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	0.68	J	ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.0	0.94	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-02
Client ID: SB-1 (15.5-16')
Sample Location: Not Specified
Date Collected: 01/06/20 08:25
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.50	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	1.8	J	ug/kg	2.0	0.56	1
o-Xylene	0.56	J	ug/kg	1.0	0.29	1
Xylenes, Total	2.4	J	ug/kg	1.0	0.29	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.92	1
Acetone	14		ug/kg	10	4.8	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	2.3	J	ug/kg	10	2.2	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.20	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	0.24	J	ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.0	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	4.2		ug/kg	4.0	0.66	1
Acrylonitrile	ND		ug/kg	4.0	1.2	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-02
Client ID: SB-1 (15.5-16')
Sample Location: Not Specified
Date Collected: 01/06/20 08:25
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	0.25	J	ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27	1
1,3,5-Trimethylbenzene	0.24	J	ug/kg	2.0	0.19	1
1,2,4-Trimethylbenzene	1.4	J	ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	81	35.	1
p-Diethylbenzene	0.72	J	ug/kg	2.0	0.18	1
p-Ethyltoluene	0.58	J	ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	0.51	J	ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.34	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	102		70-130

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-03
Client ID: SB-4 (3-3.5')
Sample Location: Not Specified
Date Collected: 01/06/20 09:55
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/08/20 19:54
Analyst: AD
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.2	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.85	0.12	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.85	0.20	1
1,2-Dichloropropane	ND		ug/kg	0.85	0.11	1
Dibromochloromethane	ND		ug/kg	0.85	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.85	0.23	1
Tetrachloroethene	ND		ug/kg	0.42	0.17	1
Chlorobenzene	ND		ug/kg	0.42	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.4	0.59	1
1,2-Dichloroethane	ND		ug/kg	0.85	0.22	1
1,1,1-Trichloroethane	ND		ug/kg	0.42	0.14	1
Bromodichloromethane	ND		ug/kg	0.42	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.85	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.42	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	0.42	0.13	1
1,1-Dichloropropene	ND		ug/kg	0.42	0.14	1
Bromoform	ND		ug/kg	3.4	0.21	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.42	0.14	1
Benzene	ND		ug/kg	0.42	0.14	1
Toluene	ND		ug/kg	0.85	0.46	1
Ethylbenzene	ND		ug/kg	0.85	0.12	1
Chloromethane	ND		ug/kg	3.4	0.79	1
Bromomethane	ND		ug/kg	1.7	0.49	1
Vinyl chloride	ND		ug/kg	0.85	0.28	1
Chloroethane	ND		ug/kg	1.7	0.38	1
1,1-Dichloroethene	ND		ug/kg	0.85	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-03
Client ID: SB-4 (3-3.5')
Sample Location: Not Specified
Date Collected: 01/06/20 09:55
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.42	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.7	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.7	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.7	0.17	1
p/m-Xylene	ND		ug/kg	1.7	0.48	1
o-Xylene	ND		ug/kg	0.85	0.25	1
Xylenes, Total	ND		ug/kg	0.85	0.25	1
cis-1,2-Dichloroethene	ND		ug/kg	0.85	0.15	1
1,2-Dichloroethene, Total	ND		ug/kg	0.85	0.12	1
Dibromomethane	ND		ug/kg	1.7	0.20	1
Styrene	ND		ug/kg	0.85	0.17	1
Dichlorodifluoromethane	ND		ug/kg	8.5	0.78	1
Acetone	ND		ug/kg	8.5	4.1	1
Carbon disulfide	ND		ug/kg	8.5	3.9	1
2-Butanone	ND		ug/kg	8.5	1.9	1
Vinyl acetate	ND		ug/kg	8.5	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.5	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.7	0.11	1
2-Hexanone	ND		ug/kg	8.5	1.0	1
Bromochloromethane	ND		ug/kg	1.7	0.17	1
2,2-Dichloropropane	ND		ug/kg	1.7	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.85	0.24	1
1,3-Dichloropropane	ND		ug/kg	1.7	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.42	0.11	1
Bromobenzene	ND		ug/kg	1.7	0.12	1
n-Butylbenzene	ND		ug/kg	0.85	0.14	1
sec-Butylbenzene	ND		ug/kg	0.85	0.12	1
tert-Butylbenzene	ND		ug/kg	1.7	0.10	1
o-Chlorotoluene	ND		ug/kg	1.7	0.16	1
p-Chlorotoluene	ND		ug/kg	1.7	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.6	0.85	1
Hexachlorobutadiene	ND		ug/kg	3.4	0.14	1
Isopropylbenzene	ND		ug/kg	0.85	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.85	0.09	1
Naphthalene	ND		ug/kg	3.4	0.55	1
Acrylonitrile	ND		ug/kg	3.4	0.98	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-03
Client ID: SB-4 (3-3.5')
Sample Location: Not Specified
Date Collected: 01/06/20 09:55
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.85	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.7	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.7	0.23	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.7	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.7	0.28	1
1,4-Dioxane	ND		ug/kg	68	30.	1
p-Diethylbenzene	ND		ug/kg	1.7	0.15	1
p-Ethyltoluene	ND		ug/kg	1.7	0.33	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.7	0.16	1
Ethyl ether	ND		ug/kg	1.7	0.29	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.2	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	103		70-130

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-04
Client ID: SB-4 (15-15.5')
Sample Location: Not Specified

Date Collected: 01/06/20 10:05
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/08/20 20:19
Analyst: AD
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.5	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.90	0.13	1
Chloroform	ND		ug/kg	1.3	0.12	1
Carbon tetrachloride	ND		ug/kg	0.90	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.90	0.11	1
Dibromochloromethane	ND		ug/kg	0.90	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.90	0.24	1
Tetrachloroethene	ND		ug/kg	0.45	0.18	1
Chlorobenzene	ND		ug/kg	0.45	0.11	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.62	1
1,2-Dichloroethane	ND		ug/kg	0.90	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	0.15	1
Bromodichloromethane	ND		ug/kg	0.45	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.90	0.24	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.45	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.45	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	0.15	1
Benzene	ND		ug/kg	0.45	0.15	1
Toluene	ND		ug/kg	0.90	0.49	1
Ethylbenzene	ND		ug/kg	0.90	0.13	1
Chloromethane	ND		ug/kg	3.6	0.84	1
Bromomethane	ND		ug/kg	1.8	0.52	1
Vinyl chloride	ND		ug/kg	0.90	0.30	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.90	0.21	1
trans-1,2-Dichloroethene	ND		ug/kg	1.3	0.12	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-04
Client ID: SB-4 (15-15.5')
Sample Location: Not Specified
Date Collected: 01/06/20 10:05
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.45	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.15	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.50	1
o-Xylene	ND		ug/kg	0.90	0.26	1
Xylenes, Total	ND		ug/kg	0.90	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.90	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.90	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.21	1
Styrene	ND		ug/kg	0.90	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.0	0.82	1
Acetone	ND		ug/kg	9.0	4.3	1
Carbon disulfide	ND		ug/kg	9.0	4.1	1
2-Butanone	ND		ug/kg	9.0	2.0	1
Vinyl acetate	ND		ug/kg	9.0	1.9	1
4-Methyl-2-pentanone	ND		ug/kg	9.0	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.11	1
2-Hexanone	ND		ug/kg	9.0	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.18	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.90	0.25	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.45	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.90	0.15	1
sec-Butylbenzene	ND		ug/kg	0.90	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.90	1
Hexachlorobutadiene	ND		ug/kg	3.6	0.15	1
Isopropylbenzene	ND		ug/kg	0.90	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.90	0.10	1
Naphthalene	ND		ug/kg	3.6	0.58	1
Acrylonitrile	ND		ug/kg	3.6	1.0	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-04
Client ID: SB-4 (15-15.5')
Sample Location: Not Specified
Date Collected: 01/06/20 10:05
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.90	0.15	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.24	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.17	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	72	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.34	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.5	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	102		70-130

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-05
Client ID: SB-5 (5.5-6')
Sample Location: Not Specified

Date Collected: 01/06/20 11:35
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/08/20 20:44
Analyst: AD
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.94	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-05
Client ID: SB-5 (5.5-6')
Sample Location: Not Specified
Date Collected: 01/06/20 11:35
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.94	0.27	1
Xylenes, Total	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	ND		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.8	0.61	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-05
Client ID: SB-5 (5.5-6')
Sample Location: Not Specified
Date Collected: 01/06/20 11:35
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	104		70-130

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-06
Client ID: SB-5 (15.5-16')
Sample Location: Not Specified

Date Collected: 01/06/20 11:40
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/08/20 21:09
Analyst: KJD
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.96	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.96	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.96	0.12	1
Dibromochloromethane	ND		ug/kg	0.96	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.96	0.26	1
Tetrachloroethene	0.26	J	ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.67	1
1,2-Dichloroethane	ND		ug/kg	0.96	0.25	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.96	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.24	1
1,1,2,2-Tetrachloroethane	0.44	J	ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.96	0.52	1
Ethylbenzene	ND		ug/kg	0.96	0.14	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.56	1
Vinyl chloride	ND		ug/kg	0.96	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.96	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-06
Client ID: SB-5 (15.5-16')
Sample Location: Not Specified
Date Collected: 01/06/20 11:40
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.54	1
o-Xylene	ND		ug/kg	0.96	0.28	1
Xylenes, Total	ND		ug/kg	0.96	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.96	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.96	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.96	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.6	0.88	1
Acetone	ND		ug/kg	9.6	4.6	1
Carbon disulfide	ND		ug/kg	9.6	4.4	1
2-Butanone	ND		ug/kg	9.6	2.1	1
Vinyl acetate	ND		ug/kg	9.6	2.1	1
4-Methyl-2-pentanone	ND		ug/kg	9.6	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.6	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.96	0.27	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.13	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.96	0.16	1
sec-Butylbenzene	0.35	J	ug/kg	0.96	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.9	0.96	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.96	0.10	1
p-Isopropyltoluene	6.4		ug/kg	0.96	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-06
Client ID: SB-5 (15.5-16')
Sample Location: Not Specified
Date Collected: 01/06/20 11:40
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.96	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	3.2		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	77	34.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.37	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.33	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	91		70-130
Dibromofluoromethane	104		70-130

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-07
Client ID: SB-8 (5.5-6')
Sample Location: Not Specified

Date Collected: 01/06/20 14:20
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/08/20 21:34
Analyst: KJD
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.1	1.9	1
1,1-Dichloroethane	ND		ug/kg	0.83	0.12	1
Chloroform	ND		ug/kg	1.2	0.12	1
Carbon tetrachloride	ND		ug/kg	0.83	0.19	1
1,2-Dichloropropane	ND		ug/kg	0.83	0.10	1
Dibromochloromethane	ND		ug/kg	0.83	0.12	1
1,1,2-Trichloroethane	ND		ug/kg	0.83	0.22	1
Tetrachloroethene	ND		ug/kg	0.41	0.16	1
Chlorobenzene	ND		ug/kg	0.41	0.10	1
Trichlorofluoromethane	ND		ug/kg	3.3	0.58	1
1,2-Dichloroethane	ND		ug/kg	0.83	0.21	1
1,1,1-Trichloroethane	ND		ug/kg	0.41	0.14	1
Bromodichloromethane	ND		ug/kg	0.41	0.09	1
trans-1,3-Dichloropropene	ND		ug/kg	0.83	0.23	1
cis-1,3-Dichloropropene	ND		ug/kg	0.41	0.13	1
1,3-Dichloropropene, Total	ND		ug/kg	0.41	0.13	1
1,1-Dichloropropene	ND		ug/kg	0.41	0.13	1
Bromoform	ND		ug/kg	3.3	0.20	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.41	0.14	1
Benzene	ND		ug/kg	0.41	0.14	1
Toluene	ND		ug/kg	0.83	0.45	1
Ethylbenzene	ND		ug/kg	0.83	0.12	1
Chloromethane	ND		ug/kg	3.3	0.77	1
Bromomethane	ND		ug/kg	1.6	0.48	1
Vinyl chloride	ND		ug/kg	0.83	0.28	1
Chloroethane	ND		ug/kg	1.6	0.38	1
1,1-Dichloroethene	ND		ug/kg	0.83	0.20	1
trans-1,2-Dichloroethene	ND		ug/kg	1.2	0.11	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-07
Client ID: SB-8 (5.5-6')
Sample Location: Not Specified
Date Collected: 01/06/20 14:20
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.41	0.11	1
1,2-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,3-Dichlorobenzene	ND		ug/kg	1.6	0.12	1
1,4-Dichlorobenzene	ND		ug/kg	1.6	0.14	1
Methyl tert butyl ether	ND		ug/kg	1.6	0.17	1
p/m-Xylene	ND		ug/kg	1.6	0.46	1
o-Xylene	ND		ug/kg	0.83	0.24	1
Xylenes, Total	ND		ug/kg	0.83	0.24	1
cis-1,2-Dichloroethene	ND		ug/kg	0.83	0.14	1
1,2-Dichloroethene, Total	ND		ug/kg	0.83	0.11	1
Dibromomethane	ND		ug/kg	1.6	0.20	1
Styrene	ND		ug/kg	0.83	0.16	1
Dichlorodifluoromethane	ND		ug/kg	8.3	0.76	1
Acetone	ND		ug/kg	8.3	4.0	1
Carbon disulfide	ND		ug/kg	8.3	3.8	1
2-Butanone	ND		ug/kg	8.3	1.8	1
Vinyl acetate	ND		ug/kg	8.3	1.8	1
4-Methyl-2-pentanone	ND		ug/kg	8.3	1.1	1
1,2,3-Trichloropropane	ND		ug/kg	1.6	0.10	1
2-Hexanone	ND		ug/kg	8.3	0.98	1
Bromochloromethane	ND		ug/kg	1.6	0.17	1
2,2-Dichloropropane	ND		ug/kg	1.6	0.17	1
1,2-Dibromoethane	ND		ug/kg	0.83	0.23	1
1,3-Dichloropropane	ND		ug/kg	1.6	0.14	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.41	0.11	1
Bromobenzene	ND		ug/kg	1.6	0.12	1
n-Butylbenzene	ND		ug/kg	0.83	0.14	1
sec-Butylbenzene	ND		ug/kg	0.83	0.12	1
tert-Butylbenzene	ND		ug/kg	1.6	0.10	1
o-Chlorotoluene	ND		ug/kg	1.6	0.16	1
p-Chlorotoluene	ND		ug/kg	1.6	0.09	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.5	0.83	1
Hexachlorobutadiene	ND		ug/kg	3.3	0.14	1
Isopropylbenzene	ND		ug/kg	0.83	0.09	1
p-Isopropyltoluene	ND		ug/kg	0.83	0.09	1
Naphthalene	ND		ug/kg	3.3	0.54	1
Acrylonitrile	ND		ug/kg	3.3	0.95	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-07
Client ID: SB-8 (5.5-6')
Sample Location: Not Specified
Date Collected: 01/06/20 14:20
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.83	0.14	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.6	0.27	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.6	0.22	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.6	0.16	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.6	0.28	1
1,4-Dioxane	ND		ug/kg	66	29.	1
p-Diethylbenzene	ND		ug/kg	1.6	0.15	1
p-Ethyltoluene	ND		ug/kg	1.6	0.32	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.6	0.16	1
Ethyl ether	ND		ug/kg	1.6	0.28	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.1	1.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-08
Client ID: SB-8 (15.5-16')
Sample Location: Not Specified

Date Collected: 01/06/20 14:35
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/08/20 22:00
Analyst: KJD
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.2	1
1,1-Dichloroethane	ND		ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.95	0.51	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.88	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-08
Client ID: SB-8 (15.5-16')
Sample Location: Not Specified
Date Collected: 01/06/20 14:35
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.95	0.28	1
Xylenes, Total	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.95	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.95	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	ND		ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
Vinyl acetate	ND		ug/kg	9.5	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.95	0.16	1
sec-Butylbenzene	ND		ug/kg	0.95	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.95	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-08
Client ID: SB-8 (15.5-16')
Sample Location: Not Specified
Date Collected: 01/06/20 14:35
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.95	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	102		70-130

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/08/20 13:31
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-08 Batch: WG1328121-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/08/20 13:31
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-08 Batch: WG1328121-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	0.21	J	ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/08/20 13:31
Analyst: AD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-08 Batch: WG1328121-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000463

Report Date: 01/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-08 Batch: WG1328121-3 WG1328121-4								
Methylene chloride	79		80		70-130	1		30
1,1-Dichloroethane	85		85		70-130	0		30
Chloroform	88		90		70-130	2		30
Carbon tetrachloride	100		99		70-130	1		30
1,2-Dichloropropane	86		87		70-130	1		30
Dibromochloromethane	99		102		70-130	3		30
1,1,2-Trichloroethane	93		94		70-130	1		30
Tetrachloroethene	109		108		70-130	1		30
Chlorobenzene	99		101		70-130	2		30
Trichlorofluoromethane	102		102		70-139	0		30
1,2-Dichloroethane	88		90		70-130	2		30
1,1,1-Trichloroethane	96		97		70-130	1		30
Bromodichloromethane	90		91		70-130	1		30
trans-1,3-Dichloropropene	100		102		70-130	2		30
cis-1,3-Dichloropropene	94		95		70-130	1		30
1,1-Dichloropropene	98		100		70-130	2		30
Bromoform	102		104		70-130	2		30
1,1,2,2-Tetrachloroethane	91		92		70-130	1		30
Benzene	89		90		70-130	1		30
Toluene	100		100		70-130	0		30
Ethylbenzene	107		108		70-130	1		30
Chloromethane	81		82		52-130	1		30
Bromomethane	**157**	Q	**156**	Q	57-147	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-08 Batch: WG1328121-3 WG1328121-4								
Vinyl chloride	126		125		67-130	1		30
Chloroethane	151		150		50-151	1		30
1,1-Dichloroethene	95		93		65-135	2		30
trans-1,2-Dichloroethene	93		93		70-130	0		30
Trichloroethene	95		96		70-130	1		30
1,2-Dichlorobenzene	104		106		70-130	2		30
1,3-Dichlorobenzene	104		106		70-130	2		30
1,4-Dichlorobenzene	102		104		70-130	2		30
Methyl tert butyl ether	90		92		66-130	2		30
p/m-Xylene	116		116		70-130	0		30
o-Xylene	115		116		70-130	1		30
cis-1,2-Dichloroethene	92		93		70-130	1		30
Dibromomethane	92		93		70-130	1		30
Styrene	120		120		70-130	0		30
Dichlorodifluoromethane	107		106		30-146	1		30
Acetone	84		82		54-140	2		30
Carbon disulfide	79		79		59-130	0		30
2-Butanone	87		92		70-130	6		30
Vinyl acetate	88		89		70-130	1		30
4-Methyl-2-pentanone	94		95		70-130	1		30
1,2,3-Trichloropropane	95		95		68-130	0		30
2-Hexanone	94		93		70-130	1		30
Bromochloromethane	92		92		70-130	0		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-08 Batch: WG1328121-3 WG1328121-4								
2,2-Dichloropropane	97		96		70-130	1		30
1,2-Dibromoethane	98		99		70-130	1		30
1,3-Dichloropropane	94		95		69-130	1		30
1,1,1,2-Tetrachloroethane	99		100		70-130	1		30
Bromobenzene	98		100		70-130	2		30
n-Butylbenzene	121		121		70-130	0		30
sec-Butylbenzene	118		118		70-130	0		30
tert-Butylbenzene	114		115		70-130	1		30
o-Chlorotoluene	102		104		70-130	2		30
p-Chlorotoluene	104		105		70-130	1		30
1,2-Dibromo-3-chloropropane	98		102		68-130	4		30
Hexachlorobutadiene	111		111		67-130	0		30
Isopropylbenzene	112		112		70-130	0		30
p-Isopropyltoluene	122		122		70-130	0		30
Naphthalene	112		114		70-130	2		30
Acrylonitrile	82		85		70-130	4		30
n-Propylbenzene	109		110		70-130	1		30
1,2,3-Trichlorobenzene	107		110		70-130	3		30
1,2,4-Trichlorobenzene	112		114		70-130	2		30
1,3,5-Trimethylbenzene	111		111		70-130	0		30
1,2,4-Trimethylbenzene	114		114		70-130	0		30
1,4-Dioxane	101		103		65-136	2		30
p-Diethylbenzene	121		121		70-130	0		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000463

Report Date: 01/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-08 Batch: WG1328121-3 WG1328121-4								
p-Ethyltoluene	112		113		70-130	1		30
1,2,4,5-Tetramethylbenzene	121		122		70-130	1		30
Ethyl ether	84		84		67-130	0		30
trans-1,4-Dichloro-2-butene	104		104		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		99		70-130
Toluene-d8	103		102		70-130
4-Bromofluorobenzene	93		95		70-130
Dibromofluoromethane	97		98		70-130

SEMIVOLATILES

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-01
Client ID: SB-1 (6.5-7')
Sample Location: Not Specified

Date Collected: 01/06/20 08:10
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/08/20 14:09
Analyst: JRW
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/07/20 15:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	31.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	46.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	60.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-01
Client ID: SB-1 (6.5-7')
Sample Location: Not Specified
Date Collected: 01/06/20 08:10
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	72.	1
Dibenzofuran	ND		ug/kg	180	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-01
Client ID: SB-1 (6.5-7')
Sample Location: Not Specified
Date Collected: 01/06/20 08:10
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	71		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	104		18-120

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-02
Client ID: SB-1 (15.5-16')
Sample Location: Not Specified

Date Collected: 01/06/20 08:25
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/08/20 14:32
Analyst: JRW
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 01/07/20 15:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	30.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	190		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	150	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-02
Client ID: SB-1 (15.5-16')
Sample Location: Not Specified
Date Collected: 01/06/20 08:25
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	72	J	ug/kg	100	19.	1
Benzo(a)pyrene	69	J	ug/kg	140	42.	1
Benzo(b)fluoranthene	94	J	ug/kg	100	29.	1
Benzo(k)fluoranthene	41	J	ug/kg	100	27.	1
Chrysene	72	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	39	J	ug/kg	100	33.	1
Benzo(ghi)perylene	49	J	ug/kg	140	20.	1
Fluorene	16	J	ug/kg	170	16.	1
Phenanthrene	180		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	50	J	ug/kg	140	24.	1
Pyrene	160		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	40.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	69.	1
2,4-Dinitrophenol	ND		ug/kg	820	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	27.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-02
Client ID: SB-1 (15.5-16')
Sample Location: Not Specified
Date Collected: 01/06/20 08:25
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	16	J	ug/kg	170	16.	1
1,4-Dioxane	ND		ug/kg	26	7.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	92		25-120
Phenol-d6	90		10-120
Nitrobenzene-d5	52		23-120
2-Fluorobiphenyl	100		30-120
2,4,6-Tribromophenol	109		10-136
4-Terphenyl-d14	118		18-120

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-03
Client ID: SB-4 (3-3.5')
Sample Location: Not Specified

Date Collected: 01/06/20 09:55
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/08/20 14:55
Analyst: JRW
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 01/07/20 15:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-03
Client ID: SB-4 (3-3.5')
Sample Location: Not Specified
Date Collected: 01/06/20 09:55
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-03
Client ID: SB-4 (3-3.5')
Sample Location: Not Specified
Date Collected: 01/06/20 09:55
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	99		18-120

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-04
Client ID: SB-4 (15-15.5')
Sample Location: Not Specified

Date Collected: 01/06/20 10:05
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/08/20 15:18
Analyst: JRW
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 01/07/20 15:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-04
Client ID: SB-4 (15-15.5')
Sample Location: Not Specified
Date Collected: 01/06/20 10:05
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	40.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	830	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-04
Client ID: SB-4 (15-15.5')
Sample Location: Not Specified
Date Collected: 01/06/20 10:05
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	170	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	83		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	104		18-120

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-05
Client ID: SB-5 (5.5-6')
Sample Location: Not Specified

Date Collected: 01/06/20 11:35
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/08/20 15:41
Analyst: JRW
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/07/20 15:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-05
Client ID: SB-5 (5.5-6')
Sample Location: Not Specified
Date Collected: 01/06/20 11:35
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	40.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	380	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-05
Client ID: SB-5 (5.5-6')
Sample Location: Not Specified
Date Collected: 01/06/20 11:35
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	89		30-120
2,4,6-Tribromophenol	99		10-136
4-Terphenyl-d14	103		18-120

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-06
Client ID: SB-5 (15.5-16')
Sample Location: Not Specified

Date Collected: 01/06/20 11:40
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/09/20 10:31
Analyst: JRW
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 01/07/20 15:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	260		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	3500		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	120	J	ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-06
Client ID: SB-5 (15.5-16')
Sample Location: Not Specified
Date Collected: 01/06/20 11:40
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	1900		ug/kg	110	20.	1
Benzo(a)pyrene	1900		ug/kg	140	44.	1
Benzo(b)fluoranthene	2500		ug/kg	110	30.	1
Benzo(k)fluoranthene	900		ug/kg	110	29.	1
Chrysene	1500		ug/kg	110	19.	1
Acenaphthylene	120	J	ug/kg	140	28.	1
Anthracene	560		ug/kg	110	35.	1
Benzo(ghi)perylene	1300		ug/kg	140	21.	1
Fluorene	220		ug/kg	180	17.	1
Phenanthrene	2100		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	270		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	1300		ug/kg	140	25.	1
Pyrene	3000		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	100	J	ug/kg	180	17.	1
2-Methylnaphthalene	55	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-06
Client ID: SB-5 (15.5-16')
Sample Location: Not Specified
Date Collected: 01/06/20 11:40
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	230		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	73		25-120
Phenol-d6	69		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	67		18-120

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-07
Client ID: SB-8 (5.5-6')
Sample Location: Not Specified

Date Collected: 01/06/20 14:20
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/11/20 00:13
Analyst: EK
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 01/07/20 15:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	35	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	950		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-07
Client ID: SB-8 (5.5-6')
Sample Location: Not Specified
Date Collected: 01/06/20 14:20
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	21	J	ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	32	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-07
Client ID: SB-8 (5.5-6')
Sample Location: Not Specified
Date Collected: 01/06/20 14:20
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	89		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	90		30-120
2,4,6-Tribromophenol	112		10-136
4-Terphenyl-d14	110		18-120

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-08
Client ID: SB-8 (15.5-16')
Sample Location: Not Specified

Date Collected: 01/06/20 14:35
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 01/08/20 16:51
Analyst: JRW
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 01/07/20 15:35

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	66	J	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	170		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-08
Client ID: SB-8 (15.5-16')
Sample Location: Not Specified
Date Collected: 01/06/20 14:35
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	34	J	ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	39	J	ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	30	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	22	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	58	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	61	J	ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	40.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-08
Client ID: SB-8 (15.5-16')
Sample Location: Not Specified
Date Collected: 01/06/20 14:35
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	97		25-120
Phenol-d6	97		10-120
Nitrobenzene-d5	83		23-120
2-Fluorobiphenyl	103		30-120
2,4,6-Tribromophenol	117		10-136
4-Terphenyl-d14	119		18-120

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-09
Client ID: TW-1
Sample Location: Not Specified

Date Collected: 01/06/20 11:50
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 01/08/20 02:15
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 01/07/20 08:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	0.0970	J	ug/l	0.144	0.0326	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	57		15-110

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-09
Client ID: TW-1
Sample Location: Not Specified

Date Collected: 01/06/20 11:50
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/28/20 16:38
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 01/09/20 06:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	19.3		ng/l	1.94	0.397	1
Perfluoropentanoic Acid (PFPeA)	53.2		ng/l	1.94	0.385	1
Perfluorobutanesulfonic Acid (PFBS)	5.44		ng/l	1.94	0.232	1
Perfluorohexanoic Acid (PFHxA)	33.9		ng/l	1.94	0.319	1
Perfluoroheptanoic Acid (PFHpA)	14.5		ng/l	1.94	0.219	1
Perfluorohexanesulfonic Acid (PFHxS)	5.72		ng/l	1.94	0.366	1
Perfluorooctanoic Acid (PFOA)	93.4		ng/l	1.94	0.230	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.94	1.30	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.94	0.669	1
Perfluorononanoic Acid (PFNA)	3.68		ng/l	1.94	0.304	1
Perfluorooctanesulfonic Acid (PFOS)	32.4		ng/l	1.94	0.490	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.94	0.296	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.94	1.18	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.94	0.630	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.94	0.253	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.94	0.953	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.94	0.564	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.94	0.782	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.94	0.362	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.94	0.318	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.94	0.241	1
PFOA/PFOS, Total	126		ng/l	1.94	0.230	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-09
Client ID: TW-1
Sample Location: Not Specified
Date Collected: 01/06/20 11:50
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	79		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	106		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	91		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	76		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	82		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	97		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	81		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	102		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	89		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	93		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	82		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	107		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	47		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	86		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	28		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	62		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	60		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	65		33-143

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-10
Client ID: FIELD BLANK
Sample Location: Not Specified

Date Collected: 01/06/20 13:00
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/28/20 15:32
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 01/09/20 06:14

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.79	0.366	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.79	0.355	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.79	0.213	1
Perfluorohexanoic Acid (PFHxA)	0.344	J	ng/l	1.79	0.294	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.79	0.202	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.79	0.337	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.79	0.211	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.79	1.19	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.79	0.616	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.79	0.280	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.79	0.452	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.79	0.272	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.79	1.09	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.79	0.581	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.79	0.233	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.79	0.878	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.79	0.520	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.857	J	ng/l	1.79	0.720	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.79	0.333	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.79	0.293	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.79	0.222	1
PFOA/PFOS, Total	ND		ng/l	1.79	0.211	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-10
Client ID: FIELD BLANK
Sample Location: Not Specified
Date Collected: 01/06/20 13:00
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	100		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	113		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	104		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	99		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	98		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	106		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	93		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	85		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	98		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	99		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	96		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	87		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	65		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	96		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	57		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	62		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	85		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	73		33-143

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 01/07/20 20:01
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 01/07/20 08:00

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270D-SIM - Mansfield Lab for sample(s): 09 Batch: WG1327478-1					
1,4-Dioxane	ND		ug/l	0.150	0.0339

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	49		15-110

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/08/20 11:49
Analyst: JRW

Extraction Method: EPA 3546
Extraction Date: 01/07/20 15:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1327667-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	98	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	98	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/08/20 11:49
Analyst: JRW

Extraction Method: EPA 3546
Extraction Date: 01/07/20 15:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1327667-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	98	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	28.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Dibenzo(a,h)anthracene	ND		ug/kg	98	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
Biphenyl	ND		ug/kg	370	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	98	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	62.

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/08/20 11:49
Analyst: JRW

Extraction Method: EPA 3546
Extraction Date: 01/07/20 15:35

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1327667-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	76.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	87		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	101		18-120

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/28/20 18:17
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 01/09/20 06:14

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 09-10 Batch: WG1328244-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	0.344	J	ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 01/28/20 18:17
Analyst: JW

Extraction Method: ALPHA 23528
Extraction Date: 01/09/20 06:14

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 09-10 Batch: WG1328244-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	89		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	100		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	94		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	88		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	91		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	105		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	88		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	78		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	94		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	97		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	85		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	77		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	47		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	81		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	47		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	58		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	75		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	71		33-143

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000463

Report Date: 01/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270D-SIM - Mansfield Lab Associated sample(s): 09 Batch: WG1327478-2 WG1327478-3								
1,4-Dioxane	107		107		40-140	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	46		51		15-110

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1327667-2 WG1327667-3								
Acenaphthene	95		110		31-137	15		50
1,2,4-Trichlorobenzene	88		97		38-107	10		50
Hexachlorobenzene	107		124		40-140	15		50
Bis(2-chloroethyl)ether	91		99		40-140	8		50
2-Chloronaphthalene	97		110		40-140	13		50
1,2-Dichlorobenzene	84		89		40-140	6		50
1,3-Dichlorobenzene	83		88		40-140	6		50
1,4-Dichlorobenzene	82		88		28-104	7		50
3,3'-Dichlorobenzidine	50		63		40-140	23		50
2,4-Dinitrotoluene	99		122		40-132	21		50
2,6-Dinitrotoluene	100		122		40-140	20		50
Fluoranthene	98		113		40-140	14		50
4-Chlorophenyl phenyl ether	101		118		40-140	16		50
4-Bromophenyl phenyl ether	107		126		40-140	16		50
Bis(2-chloroisopropyl)ether	85		92		40-140	8		50
Bis(2-chloroethoxy)methane	91		104		40-117	13		50
Hexachlorobutadiene	93		104		40-140	11		50
Hexachlorocyclopentadiene	78		92		40-140	16		50
Hexachloroethane	83		89		40-140	7		50
Isophorone	91		102		40-140	11		50
Naphthalene	88		98		40-140	11		50
Nitrobenzene	86		98		40-140	13		50
NDPA/DPA	105		125		36-157	17		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1327667-2 WG1327667-3								
n-Nitrosodi-n-propylamine	89		100		32-121	12		50
Bis(2-ethylhexyl)phthalate	93		109		40-140	16		50
Butyl benzyl phthalate	100		113		40-140	12		50
Di-n-butylphthalate	98		113		40-140	14		50
Di-n-octylphthalate	93		110		40-140	17		50
Diethyl phthalate	103		120		40-140	15		50
Dimethyl phthalate	103		118		40-140	14		50
Benzo(a)anthracene	91		107		40-140	16		50
Benzo(a)pyrene	97		112		40-140	14		50
Benzo(b)fluoranthene	101		118		40-140	16		50
Benzo(k)fluoranthene	95		114		40-140	18		50
Chrysene	89		106		40-140	17		50
Acenaphthylene	95		109		40-140	14		50
Anthracene	96		109		40-140	13		50
Benzo(ghi)perylene	102		121		40-140	17		50
Fluorene	102		119		40-140	15		50
Phenanthrene	99		114		40-140	14		50
Dibenzo(a,h)anthracene	101		120		40-140	17		50
Indeno(1,2,3-cd)pyrene	98		117		40-140	18		50
Pyrene	97		110		35-142	13		50
Biphenyl	91		104		37-127	13		50
4-Chloroaniline	52		58		40-140	11		50
2-Nitroaniline	98		118		47-134	19		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1327667-2 WG1327667-3								
3-Nitroaniline	73		89		26-129	20		50
4-Nitroaniline	98		120		41-125	20		50
Dibenzofuran	95		111		40-140	16		50
2-Methylnaphthalene	95		107		40-140	12		50
1,2,4,5-Tetrachlorobenzene	94		107		40-117	13		50
Acetophenone	87		95		14-144	9		50
2,4,6-Trichlorophenol	103		122		30-130	17		50
p-Chloro-m-cresol	100		**117**	Q	26-103	16		50
2-Chlorophenol	95		**107**	Q	25-102	12		50
2,4-Dichlorophenol	96		111		30-130	14		50
2,4-Dimethylphenol	91		104		30-130	13		50
2-Nitrophenol	90		104		30-130	14		50
4-Nitrophenol	113		**138**	Q	11-114	20		50
2,4-Dinitrophenol	39		43		4-130	10		50
4,6-Dinitro-o-cresol	83		103		10-130	22		50
Pentachlorophenol	92		**110**	Q	17-109	18		50
Phenol	89		**100**	Q	26-90	12		50
2-Methylphenol	92		103		30-130.	11		50
3-Methylphenol/4-Methylphenol	94		107		30-130	13		50
2,4,5-Trichlorophenol	108		126		30-130	15		50
Benzoic Acid	**0**	Q	**0**	Q	10-110	NC		50
Benzyl Alcohol	91		98		40-140	7		50
Carbazole	97		111		54-128	13		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1327667-2 WG1327667-3								
1,4-Dioxane	52		54		40-140	4		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	86		95		25-120
Phenol-d6	84		94		10-120
Nitrobenzene-d5	76		86		23-120
2-Fluorobiphenyl	91		105		30-120
2,4,6-Tribromophenol	99		117		10-136
4-Terphenyl-d14	104		120		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000463

Report Date: 01/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 09-10 Batch: WG1328244-2 WG1328244-3								
Perfluorobutanoic Acid (PFBA)	107		112		67-148	5		30
Perfluoropentanoic Acid (PFPeA)	111		115		63-161	4		30
Perfluorobutanesulfonic Acid (PFBS)	104		111		65-157	7		30
Perfluorohexanoic Acid (PFHxA)	106		112		69-168	6		30
Perfluoroheptanoic Acid (PFHpA)	108		114		58-159	5		30
Perfluorohexanesulfonic Acid (PFHxS)	103		106		69-177	3		30
Perfluorooctanoic Acid (PFOA)	111		115		63-159	4		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	115		140		49-187	20		30
Perfluoroheptanesulfonic Acid (PFHpS)	106		107		61-179	1		30
Perfluorononanoic Acid (PFNA)	109		118		68-171	8		30
Perfluorooctanesulfonic Acid (PFOS)	105		104		52-151	1		30
Perfluorodecanoic Acid (PFDA)	107		117		63-171	9		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	133		138		56-173	4		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	116		129		60-166	11		30
Perfluoroundecanoic Acid (PFUnA)	110		112		60-153	2		30
Perfluorodecanesulfonic Acid (PFDS)	110		123		38-156	11		30
Perfluorooctanesulfonamide (FOSA)	111		124		46-170	11		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	101		114		45-170	12		30
Perfluorododecanoic Acid (PFDoA)	111		120		67-153	8		30
Perfluorotridecanoic Acid (PFTrDA)	121		127		48-158	5		30
Perfluorotetradecanoic Acid (PFTA)	112		120		59-182	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000463

Report Date: 01/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 09-10 Batch: WG1328244-2 WG1328244-3								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	90		86		2-156
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	99		95		16-173
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	88		90		31-159
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	90		85		21-145
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	91		86		30-139
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	91		97		47-153
Perfluoro[13C8]Octanoic Acid (M8PFOA)	91		85		36-149
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	78		80		1-244
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	94		87		34-146
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	88		93		42-146
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	87		84		38-144
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	88		83		7-170
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	57		56		1-181
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	91		90		40-144
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	52		46		1-87
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	61		57		23-146
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	82		79		24-161
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	77		77		33-143

PCBS

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-01
Client ID: SB-1 (6.5-7')
Sample Location: Not Specified

Date Collected: 01/06/20 08:10
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/08/20 14:05
Analyst: AWS
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/07/20 18:19
Cleanup Method: EPA 3665A
Cleanup Date: 01/08/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/08/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.7	3.08	1	A
Aroclor 1221	ND		ug/kg	34.7	3.48	1	A
Aroclor 1232	ND		ug/kg	34.7	7.36	1	A
Aroclor 1242	ND		ug/kg	34.7	4.68	1	A
Aroclor 1248	ND		ug/kg	34.7	5.21	1	A
Aroclor 1254	ND		ug/kg	34.7	3.80	1	A
Aroclor 1260	ND		ug/kg	34.7	6.42	1	A
Aroclor 1262	ND		ug/kg	34.7	4.41	1	A
Aroclor 1268	ND		ug/kg	34.7	3.60	1	A
PCBs, Total	ND		ug/kg	34.7	3.08	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-02
Client ID: SB-1 (15.5-16')
Sample Location: Not Specified

Date Collected: 01/06/20 08:25
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/08/20 14:12
Analyst: AWS
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 01/07/20 18:19
Cleanup Method: EPA 3665A
Cleanup Date: 01/08/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/08/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.0	3.02	1	A
Aroclor 1221	ND		ug/kg	34.0	3.41	1	A
Aroclor 1232	ND		ug/kg	34.0	7.21	1	A
Aroclor 1242	ND		ug/kg	34.0	4.59	1	A
Aroclor 1248	ND		ug/kg	34.0	5.10	1	A
Aroclor 1254	ND		ug/kg	34.0	3.72	1	A
Aroclor 1260	ND		ug/kg	34.0	6.29	1	A
Aroclor 1262	ND		ug/kg	34.0	4.32	1	A
Aroclor 1268	ND		ug/kg	34.0	3.52	1	A
PCBs, Total	ND		ug/kg	34.0	3.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-03
Client ID: SB-4 (3-3.5')
Sample Location: Not Specified

Date Collected: 01/06/20 09:55
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/08/20 14:19
Analyst: AWS
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 01/07/20 18:19
Cleanup Method: EPA 3665A
Cleanup Date: 01/08/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/08/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.9	3.19	1	A
Aroclor 1221	ND		ug/kg	35.9	3.60	1	A
Aroclor 1232	ND		ug/kg	35.9	7.62	1	A
Aroclor 1242	ND		ug/kg	35.9	4.84	1	A
Aroclor 1248	ND		ug/kg	35.9	5.39	1	A
Aroclor 1254	ND		ug/kg	35.9	3.93	1	A
Aroclor 1260	ND		ug/kg	35.9	6.64	1	A
Aroclor 1262	ND		ug/kg	35.9	4.56	1	A
Aroclor 1268	ND		ug/kg	35.9	3.72	1	A
PCBs, Total	ND		ug/kg	35.9	3.19	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-04
Client ID: SB-4 (15-15.5')
Sample Location: Not Specified

Date Collected: 01/06/20 10:05
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/08/20 14:26
Analyst: AWS
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 01/07/20 18:19
Cleanup Method: EPA 3665A
Cleanup Date: 01/08/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/08/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.2	3.04	1	A
Aroclor 1221	ND		ug/kg	34.2	3.43	1	A
Aroclor 1232	ND		ug/kg	34.2	7.25	1	A
Aroclor 1242	ND		ug/kg	34.2	4.61	1	A
Aroclor 1248	ND		ug/kg	34.2	5.13	1	A
Aroclor 1254	ND		ug/kg	34.2	3.74	1	A
Aroclor 1260	ND		ug/kg	34.2	6.32	1	A
Aroclor 1262	ND		ug/kg	34.2	4.35	1	A
Aroclor 1268	ND		ug/kg	34.2	3.54	1	A
PCBs, Total	ND		ug/kg	34.2	3.04	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-05
Client ID: SB-5 (5.5-6')
Sample Location: Not Specified

Date Collected: 01/06/20 11:35
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/08/20 14:33
Analyst: AWS
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/07/20 18:19
Cleanup Method: EPA 3665A
Cleanup Date: 01/08/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/08/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.9	3.10	1	A
Aroclor 1221	ND		ug/kg	34.9	3.50	1	A
Aroclor 1232	ND		ug/kg	34.9	7.40	1	A
Aroclor 1242	ND		ug/kg	34.9	4.70	1	A
Aroclor 1248	ND		ug/kg	34.9	5.23	1	A
Aroclor 1254	ND		ug/kg	34.9	3.82	1	A
Aroclor 1260	ND		ug/kg	34.9	6.45	1	A
Aroclor 1262	ND		ug/kg	34.9	4.43	1	A
Aroclor 1268	ND		ug/kg	34.9	3.61	1	A
PCBs, Total	ND		ug/kg	34.9	3.10	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-06
Client ID: SB-5 (15.5-16')
Sample Location: Not Specified

Date Collected: 01/06/20 11:40
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/08/20 14:40
Analyst: AWS
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 01/07/20 18:19
Cleanup Method: EPA 3665A
Cleanup Date: 01/08/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/08/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.9	3.18	1	A
Aroclor 1221	ND		ug/kg	35.9	3.59	1	A
Aroclor 1232	ND		ug/kg	35.9	7.60	1	A
Aroclor 1242	ND		ug/kg	35.9	4.84	1	A
Aroclor 1248	ND		ug/kg	35.9	5.38	1	A
Aroclor 1254	ND		ug/kg	35.9	3.92	1	A
Aroclor 1260	ND		ug/kg	35.9	6.63	1	A
Aroclor 1262	ND		ug/kg	35.9	4.56	1	A
Aroclor 1268	ND		ug/kg	35.9	3.72	1	A
PCBs, Total	ND		ug/kg	35.9	3.18	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	66		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-07
Client ID: SB-8 (5.5-6')
Sample Location: Not Specified

Date Collected: 01/06/20 14:20
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/08/20 14:46
Analyst: AWS
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 01/07/20 18:19
Cleanup Method: EPA 3665A
Cleanup Date: 01/08/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/08/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.5	3.24	1	A
Aroclor 1221	ND		ug/kg	36.5	3.66	1	A
Aroclor 1232	ND		ug/kg	36.5	7.74	1	A
Aroclor 1242	ND		ug/kg	36.5	4.92	1	A
Aroclor 1248	ND		ug/kg	36.5	5.48	1	A
Aroclor 1254	ND		ug/kg	36.5	3.99	1	A
Aroclor 1260	ND		ug/kg	36.5	6.75	1	A
Aroclor 1262	ND		ug/kg	36.5	4.64	1	A
Aroclor 1268	ND		ug/kg	36.5	3.78	1	A
PCBs, Total	ND		ug/kg	36.5	3.24	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	47		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-08
Client ID: SB-8 (15.5-16')
Sample Location: Not Specified

Date Collected: 01/06/20 14:35
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 01/08/20 14:53
Analyst: AWS
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 01/07/20 18:19
Cleanup Method: EPA 3665A
Cleanup Date: 01/08/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/08/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.6	3.07	1	A
Aroclor 1221	ND		ug/kg	34.6	3.47	1	A
Aroclor 1232	ND		ug/kg	34.6	7.33	1	A
Aroclor 1242	ND		ug/kg	34.6	4.66	1	A
Aroclor 1248	ND		ug/kg	34.6	5.19	1	A
Aroclor 1254	ND		ug/kg	34.6	3.78	1	A
Aroclor 1260	ND		ug/kg	34.6	6.39	1	A
Aroclor 1262	ND		ug/kg	34.6	4.39	1	A
Aroclor 1268	ND		ug/kg	34.6	3.58	1	A
PCBs, Total	ND		ug/kg	34.6	3.07	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	69		30-150	A
2,4,5,6-Tetrachloro-m-xylene	78		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 01/08/20 15:00
Analyst: AWS

Extraction Method: EPA 3546
Extraction Date: 01/07/20 18:19
Cleanup Method: EPA 3665A
Cleanup Date: 01/08/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/08/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-08 Batch: WG1327712-1						
Aroclor 1016	ND		ug/kg	31.3	2.78	A
Aroclor 1221	ND		ug/kg	31.3	3.14	A
Aroclor 1232	ND		ug/kg	31.3	6.64	A
Aroclor 1242	ND		ug/kg	31.3	4.22	A
Aroclor 1248	ND		ug/kg	31.3	4.70	A
Aroclor 1254	ND		ug/kg	31.3	3.43	A
Aroclor 1260	ND		ug/kg	31.3	5.79	A
Aroclor 1262	ND		ug/kg	31.3	3.98	A
Aroclor 1268	ND		ug/kg	31.3	3.25	A
PCBs, Total	ND		ug/kg	31.3	2.78	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	66		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000463

Report Date: 01/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-08 Batch: WG1327712-2 WG1327712-3									
Aroclor 1016	92		89		40-140	3		50	A
Aroclor 1260	87		84		40-140	4		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	85		82		30-150	A
Decachlorobiphenyl	79		76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		85		30-150	B
Decachlorobiphenyl	78		72		30-150	B

PESTICIDES

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-01
Client ID: SB-1 (6.5-7')
Sample Location: Not Specified

Date Collected: 01/06/20 08:10
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/08/20 11:57
Analyst: SL
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 01/07/20 20:32
Cleanup Method: EPA 3620B
Cleanup Date: 01/08/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.70	0.332	1	A
Lindane	ND		ug/kg	0.706	0.316	1	A
Alpha-BHC	ND		ug/kg	0.706	0.200	1	A
Beta-BHC	ND		ug/kg	1.70	0.643	1	A
Heptachlor	ND		ug/kg	0.848	0.380	1	A
Aldrin	ND		ug/kg	1.70	0.597	1	A
Heptachlor epoxide	ND		ug/kg	3.18	0.954	1	A
Endrin	ND		ug/kg	0.706	0.290	1	A
Endrin aldehyde	ND		ug/kg	2.12	0.742	1	A
Endrin ketone	ND		ug/kg	1.70	0.436	1	A
Dieldrin	ND		ug/kg	1.06	0.530	1	A
4,4'-DDE	ND		ug/kg	1.70	0.392	1	A
4,4'-DDD	ND		ug/kg	1.70	0.605	1	A
4,4'-DDT	ND		ug/kg	3.18	1.36	1	A
Endosulfan I	ND		ug/kg	1.70	0.400	1	A
Endosulfan II	ND		ug/kg	1.70	0.566	1	A
Endosulfan sulfate	ND		ug/kg	0.706	0.336	1	A
Methoxychlor	ND		ug/kg	3.18	0.989	1	A
Toxaphene	ND		ug/kg	31.8	8.90	1	A
cis-Chlordane	ND		ug/kg	2.12	0.590	1	A
trans-Chlordane	ND		ug/kg	2.12	0.559	1	A
Chlordane	ND		ug/kg	13.8	5.62	1	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-01
Client ID: SB-1 (6.5-7')
Sample Location: Not Specified
Date Collected: 01/06/20 08:10
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	91		30-150	B
2,4,5,6-Tetrachloro-m-xylene	86		30-150	A
Decachlorobiphenyl	89		30-150	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-02
Client ID: SB-1 (15.5-16')
Sample Location: Not Specified

Date Collected: 01/06/20 08:25
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/08/20 12:06
Analyst: SL
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 01/07/20 20:38
Cleanup Method: EPA 3620B
Cleanup Date: 01/08/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.321	1	A
Lindane	ND		ug/kg	0.684	0.306	1	A
Alpha-BHC	ND		ug/kg	0.684	0.194	1	A
Beta-BHC	ND		ug/kg	1.64	0.622	1	A
Heptachlor	ND		ug/kg	0.820	0.368	1	A
Aldrin	ND		ug/kg	1.64	0.578	1	A
Heptachlor epoxide	ND		ug/kg	3.08	0.923	1	A
Endrin	ND		ug/kg	0.684	0.280	1	A
Endrin aldehyde	ND		ug/kg	2.05	0.718	1	A
Endrin ketone	ND		ug/kg	1.64	0.422	1	A
Dieldrin	ND		ug/kg	1.02	0.513	1	A
4,4'-DDE	ND		ug/kg	1.64	0.379	1	A
4,4'-DDD	ND		ug/kg	1.64	0.585	1	A
4,4'-DDT	ND		ug/kg	3.08	1.32	1	A
Endosulfan I	ND		ug/kg	1.64	0.388	1	A
Endosulfan II	ND		ug/kg	1.64	0.548	1	A
Endosulfan sulfate	ND		ug/kg	0.684	0.325	1	A
Methoxychlor	ND		ug/kg	3.08	0.957	1	A
Toxaphene	ND		ug/kg	30.8	8.62	1	A
cis-Chlordane	ND		ug/kg	2.05	0.572	1	A
trans-Chlordane	ND		ug/kg	2.05	0.542	1	A
Chlordane	ND		ug/kg	13.3	5.44	1	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-02
Client ID: SB-1 (15.5-16')
Sample Location: Not Specified
Date Collected: 01/06/20 08:25
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	89		30-150	B
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	92		30-150	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-03
Client ID: SB-4 (3-3.5')
Sample Location: Not Specified

Date Collected: 01/06/20 09:55
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/08/20 12:16
Analyst: SL
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 01/07/20 20:40
Cleanup Method: EPA 3620B
Cleanup Date: 01/08/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.67	0.327	1	A
Lindane	ND		ug/kg	0.696	0.311	1	A
Alpha-BHC	ND		ug/kg	0.696	0.198	1	A
Beta-BHC	ND		ug/kg	1.67	0.634	1	A
Heptachlor	ND		ug/kg	0.835	0.374	1	A
Aldrin	ND		ug/kg	1.67	0.588	1	A
Heptachlor epoxide	ND		ug/kg	3.13	0.940	1	A
Endrin	ND		ug/kg	0.696	0.285	1	A
Endrin aldehyde	ND		ug/kg	2.09	0.731	1	A
Endrin ketone	ND		ug/kg	1.67	0.430	1	A
Dieldrin	ND		ug/kg	1.04	0.522	1	A
4,4'-DDE	ND		ug/kg	1.67	0.386	1	A
4,4'-DDD	ND		ug/kg	1.67	0.596	1	A
4,4'-DDT	ND		ug/kg	3.13	1.34	1	A
Endosulfan I	ND		ug/kg	1.67	0.395	1	A
Endosulfan II	ND		ug/kg	1.67	0.558	1	A
Endosulfan sulfate	ND		ug/kg	0.696	0.331	1	A
Methoxychlor	ND		ug/kg	3.13	0.975	1	A
Toxaphene	ND		ug/kg	31.3	8.77	1	A
cis-Chlordane	ND		ug/kg	2.09	0.582	1	A
trans-Chlordane	ND		ug/kg	2.09	0.551	1	A
Chlordane	ND		ug/kg	13.6	5.54	1	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-03
Client ID: SB-4 (3-3.5')
Sample Location: Not Specified
Date Collected: 01/06/20 09:55
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	91		30-150	B
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	91		30-150	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-04
Client ID: SB-4 (15-15.5')
Sample Location: Not Specified

Date Collected: 01/06/20 10:05
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/08/20 12:25
Analyst: SL
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 01/07/20 20:41
Cleanup Method: EPA 3620B
Cleanup Date: 01/08/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.326	1	A
Lindane	ND		ug/kg	0.693	0.310	1	A
Alpha-BHC	ND		ug/kg	0.693	0.197	1	A
Beta-BHC	ND		ug/kg	1.66	0.631	1	A
Heptachlor	ND		ug/kg	0.832	0.373	1	A
Aldrin	ND		ug/kg	1.66	0.586	1	A
Heptachlor epoxide	ND		ug/kg	3.12	0.936	1	A
Endrin	ND		ug/kg	0.693	0.284	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.728	1	A
Endrin ketone	ND		ug/kg	1.66	0.428	1	A
Dieldrin	ND		ug/kg	1.04	0.520	1	A
4,4'-DDE	ND		ug/kg	1.66	0.385	1	A
4,4'-DDD	ND		ug/kg	1.66	0.594	1	A
4,4'-DDT	ND		ug/kg	3.12	1.34	1	B
Endosulfan I	ND		ug/kg	1.66	0.393	1	A
Endosulfan II	ND		ug/kg	1.66	0.556	1	A
Endosulfan sulfate	ND		ug/kg	0.693	0.330	1	A
Methoxychlor	ND		ug/kg	3.12	0.971	1	A
Toxaphene	ND		ug/kg	31.2	8.74	1	A
cis-Chlordane	ND		ug/kg	2.08	0.580	1	A
trans-Chlordane	ND		ug/kg	2.08	0.549	1	A
Chlordane	ND		ug/kg	13.5	5.51	1	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-04
Client ID: SB-4 (15-15.5')
Sample Location: Not Specified
Date Collected: 01/06/20 10:05
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		30-150	B
Decachlorobiphenyl	95		30-150	B
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	101		30-150	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-05
Client ID: SB-5 (5.5-6')
Sample Location: Not Specified

Date Collected: 01/06/20 11:35
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/08/20 12:35
Analyst: SL
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 01/07/20 20:43
Cleanup Method: EPA 3620B
Cleanup Date: 01/08/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.329	1	A
Lindane	ND		ug/kg	0.701	0.313	1	A
Alpha-BHC	ND		ug/kg	0.701	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.638	1	A
Heptachlor	ND		ug/kg	0.841	0.377	1	A
Aldrin	ND		ug/kg	1.68	0.592	1	A
Heptachlor epoxide	ND		ug/kg	3.15	0.946	1	A
Endrin	ND		ug/kg	0.701	0.287	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.736	1	A
Endrin ketone	ND		ug/kg	1.68	0.433	1	A
Dieldrin	ND		ug/kg	1.05	0.526	1	A
4,4'-DDE	ND		ug/kg	1.68	0.389	1	A
4,4'-DDD	ND		ug/kg	1.68	0.600	1	A
4,4'-DDT	ND		ug/kg	3.15	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.397	1	A
Endosulfan II	ND		ug/kg	1.68	0.562	1	A
Endosulfan sulfate	ND		ug/kg	0.701	0.334	1	A
Methoxychlor	ND		ug/kg	3.15	0.981	1	A
Toxaphene	ND		ug/kg	31.5	8.83	1	A
cis-Chlordane	ND		ug/kg	2.10	0.586	1	A
trans-Chlordane	ND		ug/kg	2.10	0.555	1	A
Chlordane	ND		ug/kg	13.7	5.57	1	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-05
Client ID: SB-5 (5.5-6')
Sample Location: Not Specified
Date Collected: 01/06/20 11:35
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	97		30-150	B
Decachlorobiphenyl	92		30-150	B
2,4,5,6-Tetrachloro-m-xylene	82		30-150	A
Decachlorobiphenyl	92		30-150	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-06
Client ID: SB-5 (15.5-16')
Sample Location: Not Specified

Date Collected: 01/06/20 11:40
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/08/20 12:45
Analyst: SL
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 01/07/20 20:44
Cleanup Method: EPA 3620B
Cleanup Date: 01/08/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.329	1	A
Lindane	ND		ug/kg	0.701	0.313	1	A
Alpha-BHC	ND		ug/kg	0.701	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.638	1	A
Heptachlor	ND		ug/kg	0.841	0.377	1	A
Aldrin	ND		ug/kg	1.68	0.592	1	A
Heptachlor epoxide	ND		ug/kg	3.15	0.946	1	A
Endrin	ND		ug/kg	0.701	0.287	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.736	1	A
Endrin ketone	ND		ug/kg	1.68	0.433	1	A
Dieldrin	ND		ug/kg	1.05	0.526	1	A
4,4'-DDE	ND		ug/kg	1.68	0.389	1	A
4,4'-DDD	ND		ug/kg	1.68	0.600	1	A
4,4'-DDT	ND		ug/kg	3.15	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.397	1	A
Endosulfan II	ND		ug/kg	1.68	0.562	1	A
Endosulfan sulfate	ND		ug/kg	0.701	0.334	1	A
Methoxychlor	ND		ug/kg	3.15	0.981	1	A
Toxaphene	ND		ug/kg	31.5	8.83	1	A
cis-Chlordane	ND		ug/kg	2.10	0.586	1	A
trans-Chlordane	ND		ug/kg	2.10	0.555	1	A
Chlordane	ND		ug/kg	13.7	5.57	1	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-06
Client ID: SB-5 (15.5-16')
Sample Location: Not Specified
Date Collected: 01/06/20 11:40
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		30-150	B
Decachlorobiphenyl	90		30-150	B
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	91		30-150	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-07
Client ID: SB-8 (5.5-6')
Sample Location: Not Specified

Date Collected: 01/06/20 14:20
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/08/20 12:54
Analyst: SL
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 01/07/20 20:45
Cleanup Method: EPA 3620B
Cleanup Date: 01/08/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.75	0.344	1	A
Lindane	ND		ug/kg	0.731	0.327	1	A
Alpha-BHC	ND		ug/kg	0.731	0.208	1	A
Beta-BHC	ND		ug/kg	1.75	0.665	1	A
Heptachlor	ND		ug/kg	0.877	0.393	1	A
Aldrin	ND		ug/kg	1.75	0.618	1	A
Heptachlor epoxide	ND		ug/kg	3.29	0.987	1	A
Endrin	ND		ug/kg	0.731	0.300	1	A
Endrin aldehyde	ND		ug/kg	2.19	0.768	1	A
Endrin ketone	ND		ug/kg	1.75	0.452	1	A
Dieldrin	ND		ug/kg	1.10	0.548	1	A
4,4'-DDE	ND		ug/kg	1.75	0.406	1	A
4,4'-DDD	ND		ug/kg	1.75	0.626	1	A
4,4'-DDT	ND		ug/kg	3.29	1.41	1	B
Endosulfan I	ND		ug/kg	1.75	0.414	1	A
Endosulfan II	ND		ug/kg	1.75	0.586	1	A
Endosulfan sulfate	ND		ug/kg	0.731	0.348	1	A
Methoxychlor	ND		ug/kg	3.29	1.02	1	A
Toxaphene	ND		ug/kg	32.9	9.21	1	A
cis-Chlordane	ND		ug/kg	2.19	0.611	1	A
trans-Chlordane	ND		ug/kg	2.19	0.579	1	A
Chlordane	ND		ug/kg	14.2	5.81	1	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-07
Client ID: SB-8 (5.5-6')
Sample Location: Not Specified
Date Collected: 01/06/20 14:20
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	101		30-150	B
Decachlorobiphenyl	107		30-150	B
2,4,5,6-Tetrachloro-m-xylene	88		30-150	A
Decachlorobiphenyl	105		30-150	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-08
Client ID: SB-8 (15.5-16')
Sample Location: Not Specified

Date Collected: 01/06/20 14:35
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 01/08/20 13:04
Analyst: SL
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 01/07/20 20:46
Cleanup Method: EPA 3620B
Cleanup Date: 01/08/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.63	0.319	1	A
Lindane	ND		ug/kg	0.678	0.303	1	A
Alpha-BHC	ND		ug/kg	0.678	0.192	1	A
Beta-BHC	ND		ug/kg	1.63	0.617	1	A
Heptachlor	ND		ug/kg	0.814	0.365	1	A
Aldrin	ND		ug/kg	1.63	0.573	1	A
Heptachlor epoxide	ND		ug/kg	3.05	0.915	1	A
Endrin	ND		ug/kg	0.678	0.278	1	A
Endrin aldehyde	ND		ug/kg	2.03	0.712	1	A
Endrin ketone	ND		ug/kg	1.63	0.419	1	A
Dieldrin	ND		ug/kg	1.02	0.508	1	A
4,4'-DDE	ND		ug/kg	1.63	0.376	1	A
4,4'-DDD	ND		ug/kg	1.63	0.580	1	A
4,4'-DDT	ND		ug/kg	3.05	1.31	1	A
Endosulfan I	ND		ug/kg	1.63	0.384	1	A
Endosulfan II	ND		ug/kg	1.63	0.544	1	A
Endosulfan sulfate	ND		ug/kg	0.678	0.323	1	A
Methoxychlor	ND		ug/kg	3.05	0.949	1	A
Toxaphene	ND		ug/kg	30.5	8.54	1	A
cis-Chlordane	ND		ug/kg	2.03	0.567	1	A
trans-Chlordane	ND		ug/kg	2.03	0.537	1	A
Chlordane	ND		ug/kg	13.2	5.39	1	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-08
Client ID: SB-8 (15.5-16')
Sample Location: Not Specified
Date Collected: 01/06/20 14:35
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	99		30-150	B
Decachlorobiphenyl	100		30-150	B
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	100		30-150	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/07/20 12:25
Analyst: SL

Extraction Method: EPA 3546
Extraction Date: 01/07/20 05:02
Cleanup Method: EPA 3620B
Cleanup Date: 01/07/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-08 Batch: WG1327431-1						
Delta-BHC	ND		ug/kg	1.56	0.306	A
Lindane	ND		ug/kg	0.652	0.291	A
Alpha-BHC	ND		ug/kg	0.652	0.185	A
Beta-BHC	ND		ug/kg	1.56	0.593	A
Heptachlor	ND		ug/kg	0.782	0.351	A
Aldrin	ND		ug/kg	1.56	0.551	A
Heptachlor epoxide	ND		ug/kg	2.93	0.880	A
Endrin	ND		ug/kg	0.652	0.267	A
Endrin aldehyde	ND		ug/kg	1.96	0.684	A
Endrin ketone	ND		ug/kg	1.56	0.403	A
Dieldrin	ND		ug/kg	0.978	0.489	A
4,4'-DDE	ND		ug/kg	1.56	0.362	A
4,4'-DDD	ND		ug/kg	1.56	0.558	A
4,4'-DDT	ND		ug/kg	2.93	1.26	A
Endosulfan I	ND		ug/kg	1.56	0.370	A
Endosulfan II	ND		ug/kg	1.56	0.523	A
Endosulfan sulfate	ND		ug/kg	0.652	0.310	A
Methoxychlor	ND		ug/kg	2.93	0.913	A
Toxaphene	ND		ug/kg	29.3	8.21	A
cis-Chlordane	ND		ug/kg	1.96	0.545	A
trans-Chlordane	ND		ug/kg	1.96	0.516	A
Chlordane	ND		ug/kg	12.7	5.18	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/07/20 12:25
Analyst: SL

Extraction Method: EPA 3546
Extraction Date: 01/07/20 05:02
Cleanup Method: EPA 3620B
Cleanup Date: 01/07/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-08 Batch: WG1327431-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	103		30-150	B
Decachlorobiphenyl	101		30-150	B
2,4,5,6-Tetrachloro-m-xylene	104		30-150	A
Decachlorobiphenyl	97		30-150	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000463

Report Date: 01/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-08 Batch: WG1327431-2 WG1327431-3									
Delta-BHC	87		94		30-150	8		30	A
Lindane	85		91		30-150	7		30	A
Alpha-BHC	88		94		30-150	7		30	A
Beta-BHC	82		86		30-150	5		30	A
Heptachlor	81		85		30-150	5		30	A
Aldrin	90		96		30-150	6		30	A
Heptachlor epoxide	86		92		30-150	7		30	A
Endrin	90		96		30-150	6		30	A
Endrin aldehyde	73		77		30-150	5		30	A
Endrin ketone	84		88		30-150	5		30	A
Dieldrin	94		101		30-150	7		30	A
4,4'-DDE	92		98		30-150	6		30	A
4,4'-DDD	87		92		30-150	6		30	A
4,4'-DDT	83		85		30-150	2		30	A
Endosulfan I	83		88		30-150	6		30	A
Endosulfan II	84		90		30-150	7		30	A
Endosulfan sulfate	72		76		30-150	5		30	A
Methoxychlor	73		77		30-150	5		30	A
cis-Chlordane	82		86		30-150	5		30	A
trans-Chlordane	85		89		30-150	5		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-08 Batch: WG1327431-2 WG1327431-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	96		105		30-150	B
Decachlorobiphenyl	97		100		30-150	B
2,4,5,6-Tetrachloro-m-xylene	97		105		30-150	A
Decachlorobiphenyl	93		96		30-150	A

METALS

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-01
Client ID: SB-1 (6.5-7')
Sample Location: Not Specified
Sample Depth:
Matrix: Soil
Percent Solids: 94%

Date Collected: 01/06/20 08:10
Date Received: 01/06/20
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4000		mg/kg	8.25	2.23	2	01/08/20 04:20	01/08/20 18:29	EPA 3050B	1,6010D	MC
Antimony, Total	ND		mg/kg	4.12	0.313	2	01/08/20 04:20	01/08/20 18:29	EPA 3050B	1,6010D	MC
Arsenic, Total	6.47		mg/kg	0.825	0.172	2	01/08/20 04:20	01/08/20 18:29	EPA 3050B	1,6010D	MC
Barium, Total	26.4		mg/kg	0.825	0.144	2	01/08/20 04:20	01/08/20 18:29	EPA 3050B	1,6010D	MC
Beryllium, Total	0.157	J	mg/kg	0.412	0.027	2	01/08/20 04:20	01/08/20 18:29	EPA 3050B	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.825	0.081	2	01/08/20 04:20	01/08/20 18:29	EPA 3050B	1,6010D	MC
Calcium, Total	1200		mg/kg	8.25	2.89	2	01/08/20 04:20	01/08/20 18:29	EPA 3050B	1,6010D	MC
Chromium, Total	12.9		mg/kg	0.825	0.079	2	01/08/20 04:20	01/08/20 18:29	EPA 3050B	1,6010D	MC
Cobalt, Total	5.44		mg/kg	1.65	0.137	2	01/08/20 04:20	01/08/20 18:29	EPA 3050B	1,6010D	MC
Copper, Total	17.4		mg/kg	0.825	0.213	2	01/08/20 04:20	01/08/20 18:29	EPA 3050B	1,6010D	MC
Iron, Total	12200		mg/kg	4.12	0.745	2	01/08/20 04:20	01/08/20 18:29	EPA 3050B	1,6010D	MC
Lead, Total	15.4		mg/kg	4.12	0.221	2	01/08/20 04:20	01/08/20 18:29	EPA 3050B	1,6010D	MC
Magnesium, Total	1760		mg/kg	8.25	1.27	2	01/08/20 04:20	01/08/20 18:29	EPA 3050B	1,6010D	MC
Manganese, Total	298		mg/kg	0.825	0.131	2	01/08/20 04:20	01/08/20 18:29	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.079	0.052	1	01/08/20 01:47	01/08/20 14:04	EPA 7471B	1,7471B	GD
Nickel, Total	12.3		mg/kg	2.06	0.200	2	01/08/20 04:20	01/08/20 18:29	EPA 3050B	1,6010D	MC
Potassium, Total	954		mg/kg	206	11.9	2	01/08/20 04:20	01/08/20 18:29	EPA 3050B	1,6010D	MC
Selenium, Total	0.297	J	mg/kg	1.65	0.213	2	01/08/20 04:20	01/08/20 18:29	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.825	0.233	2	01/08/20 04:20	01/08/20 18:29	EPA 3050B	1,6010D	MC
Sodium, Total	62.3	J	mg/kg	165	2.60	2	01/08/20 04:20	01/08/20 18:29	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.65	0.260	2	01/08/20 04:20	01/08/20 18:29	EPA 3050B	1,6010D	MC
Vanadium, Total	20.0		mg/kg	0.825	0.167	2	01/08/20 04:20	01/08/20 18:29	EPA 3050B	1,6010D	MC
Zinc, Total	52.3		mg/kg	4.12	0.242	2	01/08/20 04:20	01/08/20 18:29	EPA 3050B	1,6010D	MC

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-02
Client ID: SB-1 (15.5-16')
Sample Location: Not Specified
Date Collected: 01/06/20 08:25
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4730		mg/kg	7.96	2.15	2	01/08/20 04:20	01/08/20 18:33	EPA 3050B	1,6010D	MC
Antimony, Total	ND		mg/kg	3.98	0.302	2	01/08/20 04:20	01/08/20 18:33	EPA 3050B	1,6010D	MC
Arsenic, Total	2.69		mg/kg	0.796	0.166	2	01/08/20 04:20	01/08/20 18:33	EPA 3050B	1,6010D	MC
Barium, Total	33.4		mg/kg	0.796	0.138	2	01/08/20 04:20	01/08/20 18:33	EPA 3050B	1,6010D	MC
Beryllium, Total	0.159	J	mg/kg	0.398	0.026	2	01/08/20 04:20	01/08/20 18:33	EPA 3050B	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.796	0.078	2	01/08/20 04:20	01/08/20 18:33	EPA 3050B	1,6010D	MC
Calcium, Total	3800		mg/kg	7.96	2.78	2	01/08/20 04:20	01/08/20 18:33	EPA 3050B	1,6010D	MC
Chromium, Total	16.2		mg/kg	0.796	0.076	2	01/08/20 04:20	01/08/20 18:33	EPA 3050B	1,6010D	MC
Cobalt, Total	5.31		mg/kg	1.59	0.132	2	01/08/20 04:20	01/08/20 18:33	EPA 3050B	1,6010D	MC
Copper, Total	19.0		mg/kg	0.796	0.205	2	01/08/20 04:20	01/08/20 18:33	EPA 3050B	1,6010D	MC
Iron, Total	12000		mg/kg	3.98	0.718	2	01/08/20 04:20	01/08/20 18:33	EPA 3050B	1,6010D	MC
Lead, Total	16.6		mg/kg	3.98	0.213	2	01/08/20 04:20	01/08/20 18:33	EPA 3050B	1,6010D	MC
Magnesium, Total	2480		mg/kg	7.96	1.22	2	01/08/20 04:20	01/08/20 18:33	EPA 3050B	1,6010D	MC
Manganese, Total	362		mg/kg	0.796	0.126	2	01/08/20 04:20	01/08/20 18:33	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.067	0.044	1	01/08/20 01:47	01/08/20 14:06	EPA 7471B	1,7471B	GD
Nickel, Total	14.0		mg/kg	1.99	0.192	2	01/08/20 04:20	01/08/20 18:33	EPA 3050B	1,6010D	MC
Potassium, Total	1030		mg/kg	199	11.4	2	01/08/20 04:20	01/08/20 18:33	EPA 3050B	1,6010D	MC
Selenium, Total	0.310	J	mg/kg	1.59	0.205	2	01/08/20 04:20	01/08/20 18:33	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.796	0.225	2	01/08/20 04:20	01/08/20 18:33	EPA 3050B	1,6010D	MC
Sodium, Total	107	J	mg/kg	159	2.51	2	01/08/20 04:20	01/08/20 18:33	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.59	0.251	2	01/08/20 04:20	01/08/20 18:33	EPA 3050B	1,6010D	MC
Vanadium, Total	18.8		mg/kg	0.796	0.162	2	01/08/20 04:20	01/08/20 18:33	EPA 3050B	1,6010D	MC
Zinc, Total	37.7		mg/kg	3.98	0.233	2	01/08/20 04:20	01/08/20 18:33	EPA 3050B	1,6010D	MC

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-03
Client ID: SB-4 (3-3.5')
Sample Location: Not Specified
Date Collected: 01/06/20 09:55
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	7740		mg/kg	8.36	2.26	2	01/08/20 04:20	01/08/20 18:37	EPA 3050B	1,6010D	MC
Antimony, Total	ND		mg/kg	4.18	0.318	2	01/08/20 04:20	01/08/20 18:37	EPA 3050B	1,6010D	MC
Arsenic, Total	2.26		mg/kg	0.836	0.174	2	01/08/20 04:20	01/08/20 18:37	EPA 3050B	1,6010D	MC
Barium, Total	26.4		mg/kg	0.836	0.146	2	01/08/20 04:20	01/08/20 18:37	EPA 3050B	1,6010D	MC
Beryllium, Total	0.301	J	mg/kg	0.418	0.028	2	01/08/20 04:20	01/08/20 18:37	EPA 3050B	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.836	0.082	2	01/08/20 04:20	01/08/20 18:37	EPA 3050B	1,6010D	MC
Calcium, Total	653		mg/kg	8.36	2.93	2	01/08/20 04:20	01/08/20 18:37	EPA 3050B	1,6010D	MC
Chromium, Total	12.5		mg/kg	0.836	0.080	2	01/08/20 04:20	01/08/20 18:37	EPA 3050B	1,6010D	MC
Cobalt, Total	5.37		mg/kg	1.67	0.139	2	01/08/20 04:20	01/08/20 18:37	EPA 3050B	1,6010D	MC
Copper, Total	11.3		mg/kg	0.836	0.216	2	01/08/20 04:20	01/08/20 18:37	EPA 3050B	1,6010D	MC
Iron, Total	15100		mg/kg	4.18	0.755	2	01/08/20 04:20	01/08/20 18:37	EPA 3050B	1,6010D	MC
Lead, Total	4.42		mg/kg	4.18	0.224	2	01/08/20 04:20	01/08/20 18:37	EPA 3050B	1,6010D	MC
Magnesium, Total	2240		mg/kg	8.36	1.29	2	01/08/20 04:20	01/08/20 18:37	EPA 3050B	1,6010D	MC
Manganese, Total	137		mg/kg	0.836	0.133	2	01/08/20 04:20	01/08/20 18:37	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.086	0.056	1	01/08/20 01:47	01/08/20 14:11	EPA 7471B	1,7471B	GD
Nickel, Total	12.5		mg/kg	2.09	0.202	2	01/08/20 04:20	01/08/20 18:37	EPA 3050B	1,6010D	MC
Potassium, Total	610		mg/kg	209	12.0	2	01/08/20 04:20	01/08/20 18:37	EPA 3050B	1,6010D	MC
Selenium, Total	ND		mg/kg	1.67	0.216	2	01/08/20 04:20	01/08/20 18:37	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.836	0.237	2	01/08/20 04:20	01/08/20 18:37	EPA 3050B	1,6010D	MC
Sodium, Total	44.1	J	mg/kg	167	2.64	2	01/08/20 04:20	01/08/20 18:37	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.67	0.264	2	01/08/20 04:20	01/08/20 18:37	EPA 3050B	1,6010D	MC
Vanadium, Total	24.8		mg/kg	0.836	0.170	2	01/08/20 04:20	01/08/20 18:37	EPA 3050B	1,6010D	MC
Zinc, Total	24.5		mg/kg	4.18	0.245	2	01/08/20 04:20	01/08/20 18:37	EPA 3050B	1,6010D	MC

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-04
Client ID: SB-4 (15-15.5')
Sample Location: Not Specified
Date Collected: 01/06/20 10:05
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3560		mg/kg	8.05	2.17	2	01/08/20 04:20	01/08/20 18:42	EPA 3050B	1,6010D	MC
Antimony, Total	ND		mg/kg	4.02	0.306	2	01/08/20 04:20	01/08/20 18:42	EPA 3050B	1,6010D	MC
Arsenic, Total	1.13		mg/kg	0.805	0.167	2	01/08/20 04:20	01/08/20 18:42	EPA 3050B	1,6010D	MC
Barium, Total	30.0		mg/kg	0.805	0.140	2	01/08/20 04:20	01/08/20 18:42	EPA 3050B	1,6010D	MC
Beryllium, Total	0.137	J	mg/kg	0.402	0.027	2	01/08/20 04:20	01/08/20 18:42	EPA 3050B	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.805	0.079	2	01/08/20 04:20	01/08/20 18:42	EPA 3050B	1,6010D	MC
Calcium, Total	602		mg/kg	8.05	2.82	2	01/08/20 04:20	01/08/20 18:42	EPA 3050B	1,6010D	MC
Chromium, Total	11.2		mg/kg	0.805	0.077	2	01/08/20 04:20	01/08/20 18:42	EPA 3050B	1,6010D	MC
Cobalt, Total	3.36		mg/kg	1.61	0.134	2	01/08/20 04:20	01/08/20 18:42	EPA 3050B	1,6010D	MC
Copper, Total	15.8		mg/kg	0.805	0.208	2	01/08/20 04:20	01/08/20 18:42	EPA 3050B	1,6010D	MC
Iron, Total	9770		mg/kg	4.02	0.727	2	01/08/20 04:20	01/08/20 18:42	EPA 3050B	1,6010D	MC
Lead, Total	5.26		mg/kg	4.02	0.216	2	01/08/20 04:20	01/08/20 18:42	EPA 3050B	1,6010D	MC
Magnesium, Total	1380		mg/kg	8.05	1.24	2	01/08/20 04:20	01/08/20 18:42	EPA 3050B	1,6010D	MC
Manganese, Total	84.3		mg/kg	0.805	0.128	2	01/08/20 04:20	01/08/20 18:42	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.071	0.046	1	01/08/20 01:47	01/08/20 14:13	EPA 7471B	1,7471B	GD
Nickel, Total	8.79		mg/kg	2.01	0.195	2	01/08/20 04:20	01/08/20 18:42	EPA 3050B	1,6010D	MC
Potassium, Total	584		mg/kg	201	11.6	2	01/08/20 04:20	01/08/20 18:42	EPA 3050B	1,6010D	MC
Selenium, Total	ND		mg/kg	1.61	0.208	2	01/08/20 04:20	01/08/20 18:42	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.805	0.228	2	01/08/20 04:20	01/08/20 18:42	EPA 3050B	1,6010D	MC
Sodium, Total	98.0	J	mg/kg	161	2.54	2	01/08/20 04:20	01/08/20 18:42	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.61	0.254	2	01/08/20 04:20	01/08/20 18:42	EPA 3050B	1,6010D	MC
Vanadium, Total	17.3		mg/kg	0.805	0.163	2	01/08/20 04:20	01/08/20 18:42	EPA 3050B	1,6010D	MC
Zinc, Total	20.8		mg/kg	4.02	0.236	2	01/08/20 04:20	01/08/20 18:42	EPA 3050B	1,6010D	MC

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-05
Client ID: SB-5 (5.5-6')
Sample Location: Not Specified
Date Collected: 01/06/20 11:35
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5530		mg/kg	8.49	2.29	2	01/08/20 04:20	01/08/20 18:46	EPA 3050B	1,6010D	MC
Antimony, Total	ND		mg/kg	4.25	0.323	2	01/08/20 04:20	01/08/20 18:46	EPA 3050B	1,6010D	MC
Arsenic, Total	1.66		mg/kg	0.849	0.177	2	01/08/20 04:20	01/08/20 18:46	EPA 3050B	1,6010D	MC
Barium, Total	21.1		mg/kg	0.849	0.148	2	01/08/20 04:20	01/08/20 18:46	EPA 3050B	1,6010D	MC
Beryllium, Total	0.178	J	mg/kg	0.425	0.028	2	01/08/20 04:20	01/08/20 18:46	EPA 3050B	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.849	0.083	2	01/08/20 04:20	01/08/20 18:46	EPA 3050B	1,6010D	MC
Calcium, Total	1490		mg/kg	8.49	2.97	2	01/08/20 04:20	01/08/20 18:46	EPA 3050B	1,6010D	MC
Chromium, Total	8.87		mg/kg	0.849	0.082	2	01/08/20 04:20	01/08/20 18:46	EPA 3050B	1,6010D	MC
Cobalt, Total	4.70		mg/kg	1.70	0.141	2	01/08/20 04:20	01/08/20 18:46	EPA 3050B	1,6010D	MC
Copper, Total	12.1		mg/kg	0.849	0.219	2	01/08/20 04:20	01/08/20 18:46	EPA 3050B	1,6010D	MC
Iron, Total	9940		mg/kg	4.25	0.767	2	01/08/20 04:20	01/08/20 18:46	EPA 3050B	1,6010D	MC
Lead, Total	5.73		mg/kg	4.25	0.228	2	01/08/20 04:20	01/08/20 18:46	EPA 3050B	1,6010D	MC
Magnesium, Total	1950		mg/kg	8.49	1.31	2	01/08/20 04:20	01/08/20 18:46	EPA 3050B	1,6010D	MC
Manganese, Total	226		mg/kg	0.849	0.135	2	01/08/20 04:20	01/08/20 18:46	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.074	0.048	1	01/08/20 01:47	01/08/20 14:15	EPA 7471B	1,7471B	GD
Nickel, Total	11.2		mg/kg	2.12	0.206	2	01/08/20 04:20	01/08/20 18:46	EPA 3050B	1,6010D	MC
Potassium, Total	598		mg/kg	212	12.2	2	01/08/20 04:20	01/08/20 18:46	EPA 3050B	1,6010D	MC
Selenium, Total	ND		mg/kg	1.70	0.219	2	01/08/20 04:20	01/08/20 18:46	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.849	0.240	2	01/08/20 04:20	01/08/20 18:46	EPA 3050B	1,6010D	MC
Sodium, Total	64.2	J	mg/kg	170	2.68	2	01/08/20 04:20	01/08/20 18:46	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.70	0.268	2	01/08/20 04:20	01/08/20 18:46	EPA 3050B	1,6010D	MC
Vanadium, Total	12.8		mg/kg	0.849	0.172	2	01/08/20 04:20	01/08/20 18:46	EPA 3050B	1,6010D	MC
Zinc, Total	27.4		mg/kg	4.25	0.249	2	01/08/20 04:20	01/08/20 18:46	EPA 3050B	1,6010D	MC

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-06
Client ID: SB-5 (15.5-16')
Sample Location: Not Specified
Date Collected: 01/06/20 11:40
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3670		mg/kg	8.55	2.31	2	01/08/20 04:20	01/08/20 18:50	EPA 3050B	1,6010D	MC
Antimony, Total	ND		mg/kg	4.28	0.325	2	01/08/20 04:20	01/08/20 18:50	EPA 3050B	1,6010D	MC
Arsenic, Total	1.46		mg/kg	0.855	0.178	2	01/08/20 04:20	01/08/20 18:50	EPA 3050B	1,6010D	MC
Barium, Total	29.3		mg/kg	0.855	0.149	2	01/08/20 04:20	01/08/20 18:50	EPA 3050B	1,6010D	MC
Beryllium, Total	0.197	J	mg/kg	0.428	0.028	2	01/08/20 04:20	01/08/20 18:50	EPA 3050B	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.855	0.084	2	01/08/20 04:20	01/08/20 18:50	EPA 3050B	1,6010D	MC
Calcium, Total	802		mg/kg	8.55	2.99	2	01/08/20 04:20	01/08/20 18:50	EPA 3050B	1,6010D	MC
Chromium, Total	12.7		mg/kg	0.855	0.082	2	01/08/20 04:20	01/08/20 18:50	EPA 3050B	1,6010D	MC
Cobalt, Total	5.22		mg/kg	1.71	0.142	2	01/08/20 04:20	01/08/20 18:50	EPA 3050B	1,6010D	MC
Copper, Total	11.7		mg/kg	0.855	0.221	2	01/08/20 04:20	01/08/20 18:50	EPA 3050B	1,6010D	MC
Iron, Total	11300		mg/kg	4.28	0.772	2	01/08/20 04:20	01/08/20 18:50	EPA 3050B	1,6010D	MC
Lead, Total	6.25		mg/kg	4.28	0.229	2	01/08/20 04:20	01/08/20 18:50	EPA 3050B	1,6010D	MC
Magnesium, Total	1600		mg/kg	8.55	1.32	2	01/08/20 04:20	01/08/20 18:50	EPA 3050B	1,6010D	MC
Manganese, Total	274		mg/kg	0.855	0.136	2	01/08/20 04:20	01/08/20 18:50	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.088	0.057	1	01/08/20 01:47	01/08/20 14:16	EPA 7471B	1,7471B	GD
Nickel, Total	25.1		mg/kg	2.14	0.207	2	01/08/20 04:20	01/08/20 18:50	EPA 3050B	1,6010D	MC
Potassium, Total	614		mg/kg	214	12.3	2	01/08/20 04:20	01/08/20 18:50	EPA 3050B	1,6010D	MC
Selenium, Total	0.222	J	mg/kg	1.71	0.221	2	01/08/20 04:20	01/08/20 18:50	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.855	0.242	2	01/08/20 04:20	01/08/20 18:50	EPA 3050B	1,6010D	MC
Sodium, Total	70.5	J	mg/kg	171	2.69	2	01/08/20 04:20	01/08/20 18:50	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.71	0.269	2	01/08/20 04:20	01/08/20 18:50	EPA 3050B	1,6010D	MC
Vanadium, Total	19.8		mg/kg	0.855	0.174	2	01/08/20 04:20	01/08/20 18:50	EPA 3050B	1,6010D	MC
Zinc, Total	24.7		mg/kg	4.28	0.250	2	01/08/20 04:20	01/08/20 18:50	EPA 3050B	1,6010D	MC

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-07
Client ID: SB-8 (5.5-6')
Sample Location: Not Specified
Date Collected: 01/06/20 14:20
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4240		mg/kg	8.63	2.33	2	01/08/20 04:20	01/08/20 18:55	EPA 3050B	1,6010D	MC
Antimony, Total	ND		mg/kg	4.32	0.328	2	01/08/20 04:20	01/08/20 18:55	EPA 3050B	1,6010D	MC
Arsenic, Total	1.61		mg/kg	0.863	0.180	2	01/08/20 04:20	01/08/20 18:55	EPA 3050B	1,6010D	MC
Barium, Total	26.2		mg/kg	0.863	0.150	2	01/08/20 04:20	01/08/20 18:55	EPA 3050B	1,6010D	MC
Beryllium, Total	0.138	J	mg/kg	0.432	0.029	2	01/08/20 04:20	01/08/20 18:55	EPA 3050B	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.863	0.085	2	01/08/20 04:20	01/08/20 18:55	EPA 3050B	1,6010D	MC
Calcium, Total	967		mg/kg	8.63	3.02	2	01/08/20 04:20	01/08/20 18:55	EPA 3050B	1,6010D	MC
Chromium, Total	9.13		mg/kg	0.863	0.083	2	01/08/20 04:20	01/08/20 18:55	EPA 3050B	1,6010D	MC
Cobalt, Total	4.07		mg/kg	1.73	0.143	2	01/08/20 04:20	01/08/20 18:55	EPA 3050B	1,6010D	MC
Copper, Total	9.19		mg/kg	0.863	0.223	2	01/08/20 04:20	01/08/20 18:55	EPA 3050B	1,6010D	MC
Iron, Total	9520		mg/kg	4.32	0.780	2	01/08/20 04:20	01/08/20 18:55	EPA 3050B	1,6010D	MC
Lead, Total	8.37		mg/kg	4.32	0.231	2	01/08/20 04:20	01/08/20 18:55	EPA 3050B	1,6010D	MC
Magnesium, Total	1710		mg/kg	8.63	1.33	2	01/08/20 04:20	01/08/20 18:55	EPA 3050B	1,6010D	MC
Manganese, Total	153		mg/kg	0.863	0.137	2	01/08/20 04:20	01/08/20 18:55	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.085	0.055	1	01/08/20 01:47	01/08/20 14:18	EPA 7471B	1,7471B	GD
Nickel, Total	8.15		mg/kg	2.16	0.209	2	01/08/20 04:20	01/08/20 18:55	EPA 3050B	1,6010D	MC
Potassium, Total	377		mg/kg	216	12.4	2	01/08/20 04:20	01/08/20 18:55	EPA 3050B	1,6010D	MC
Selenium, Total	ND		mg/kg	1.73	0.223	2	01/08/20 04:20	01/08/20 18:55	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.863	0.244	2	01/08/20 04:20	01/08/20 18:55	EPA 3050B	1,6010D	MC
Sodium, Total	35.6	J	mg/kg	173	2.72	2	01/08/20 04:20	01/08/20 18:55	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.73	0.272	2	01/08/20 04:20	01/08/20 18:55	EPA 3050B	1,6010D	MC
Vanadium, Total	11.8		mg/kg	0.863	0.175	2	01/08/20 04:20	01/08/20 18:55	EPA 3050B	1,6010D	MC
Zinc, Total	30.3		mg/kg	4.32	0.253	2	01/08/20 04:20	01/08/20 18:55	EPA 3050B	1,6010D	MC

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-08
Client ID: SB-8 (15.5-16')
Sample Location: Not Specified
Date Collected: 01/06/20 14:35
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3380		mg/kg	8.22	2.22	2	01/08/20 04:20	01/08/20 18:59	EPA 3050B	1,6010D	MC
Antimony, Total	ND		mg/kg	4.11	0.312	2	01/08/20 04:20	01/08/20 18:59	EPA 3050B	1,6010D	MC
Arsenic, Total	1.69		mg/kg	0.822	0.171	2	01/08/20 04:20	01/08/20 18:59	EPA 3050B	1,6010D	MC
Barium, Total	26.6		mg/kg	0.822	0.143	2	01/08/20 04:20	01/08/20 18:59	EPA 3050B	1,6010D	MC
Beryllium, Total	0.214	J	mg/kg	0.411	0.027	2	01/08/20 04:20	01/08/20 18:59	EPA 3050B	1,6010D	MC
Cadmium, Total	ND		mg/kg	0.822	0.081	2	01/08/20 04:20	01/08/20 18:59	EPA 3050B	1,6010D	MC
Calcium, Total	938		mg/kg	8.22	2.88	2	01/08/20 04:20	01/08/20 18:59	EPA 3050B	1,6010D	MC
Chromium, Total	13.6		mg/kg	0.822	0.079	2	01/08/20 04:20	01/08/20 18:59	EPA 3050B	1,6010D	MC
Cobalt, Total	4.17		mg/kg	1.64	0.136	2	01/08/20 04:20	01/08/20 18:59	EPA 3050B	1,6010D	MC
Copper, Total	13.9		mg/kg	0.822	0.212	2	01/08/20 04:20	01/08/20 18:59	EPA 3050B	1,6010D	MC
Iron, Total	10100		mg/kg	4.11	0.743	2	01/08/20 04:20	01/08/20 18:59	EPA 3050B	1,6010D	MC
Lead, Total	6.97		mg/kg	4.11	0.220	2	01/08/20 04:20	01/08/20 18:59	EPA 3050B	1,6010D	MC
Magnesium, Total	1700		mg/kg	8.22	1.27	2	01/08/20 04:20	01/08/20 18:59	EPA 3050B	1,6010D	MC
Manganese, Total	254		mg/kg	0.822	0.131	2	01/08/20 04:20	01/08/20 18:59	EPA 3050B	1,6010D	MC
Mercury, Total	ND		mg/kg	0.086	0.056	1	01/08/20 01:47	01/08/20 14:20	EPA 7471B	1,7471B	GD
Nickel, Total	15.8		mg/kg	2.06	0.199	2	01/08/20 04:20	01/08/20 18:59	EPA 3050B	1,6010D	MC
Potassium, Total	651		mg/kg	206	11.8	2	01/08/20 04:20	01/08/20 18:59	EPA 3050B	1,6010D	MC
Selenium, Total	ND		mg/kg	1.64	0.212	2	01/08/20 04:20	01/08/20 18:59	EPA 3050B	1,6010D	MC
Silver, Total	ND		mg/kg	0.822	0.233	2	01/08/20 04:20	01/08/20 18:59	EPA 3050B	1,6010D	MC
Sodium, Total	92.0	J	mg/kg	164	2.59	2	01/08/20 04:20	01/08/20 18:59	EPA 3050B	1,6010D	MC
Thallium, Total	ND		mg/kg	1.64	0.259	2	01/08/20 04:20	01/08/20 18:59	EPA 3050B	1,6010D	MC
Vanadium, Total	16.3		mg/kg	0.822	0.167	2	01/08/20 04:20	01/08/20 18:59	EPA 3050B	1,6010D	MC
Zinc, Total	29.1		mg/kg	4.11	0.241	2	01/08/20 04:20	01/08/20 18:59	EPA 3050B	1,6010D	MC

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-09
Client ID: TW-1
Sample Location: Not Specified
Sample Depth:
Matrix: Water

Date Collected: 01/06/20 11:50
Date Received: 01/06/20
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	29.1		mg/l	0.0100	0.00327	1	01/07/20 12:30	01/08/20 11:27	EPA 3005A	1,6020B	AM
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/07/20 12:30	01/08/20 11:27	EPA 3005A	1,6020B	AM
Arsenic, Total	0.01651		mg/l	0.00050	0.00016	1	01/07/20 12:30	01/08/20 11:27	EPA 3005A	1,6020B	AM
Barium, Total	3.059		mg/l	0.00050	0.00017	1	01/07/20 12:30	01/08/20 11:27	EPA 3005A	1,6020B	AM
Beryllium, Total	0.00689		mg/l	0.00050	0.00010	1	01/07/20 12:30	01/08/20 11:27	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00684		mg/l	0.00020	0.00005	1	01/07/20 12:30	01/08/20 11:27	EPA 3005A	1,6020B	AM
Calcium, Total	240.		mg/l	0.100	0.0394	1	01/07/20 12:30	01/08/20 11:27	EPA 3005A	1,6020B	AM
Chromium, Total	0.2542		mg/l	0.00100	0.00017	1	01/07/20 12:30	01/08/20 11:27	EPA 3005A	1,6020B	AM
Cobalt, Total	0.1727		mg/l	0.00050	0.00016	1	01/07/20 12:30	01/08/20 11:27	EPA 3005A	1,6020B	AM
Copper, Total	0.4330		mg/l	0.00100	0.00038	1	01/07/20 12:30	01/08/20 11:27	EPA 3005A	1,6020B	AM
Iron, Total	36.4		mg/l	0.0500	0.0191	1	01/07/20 12:30	01/08/20 11:27	EPA 3005A	1,6020B	AM
Lead, Total	0.3359		mg/l	0.00100	0.00034	1	01/07/20 12:30	01/08/20 11:27	EPA 3005A	1,6020B	AM
Magnesium, Total	70.6		mg/l	0.0700	0.0242	1	01/07/20 12:30	01/08/20 11:27	EPA 3005A	1,6020B	AM
Manganese, Total	29.45		mg/l	0.01000	0.00440	10	01/07/20 12:30	01/08/20 12:34	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/07/20 10:59	01/07/20 15:14	EPA 7470A	1,7470A	AL
Nickel, Total	0.3167		mg/l	0.00200	0.00055	1	01/07/20 12:30	01/08/20 11:27	EPA 3005A	1,6020B	AM
Potassium, Total	16.0		mg/l	0.100	0.0309	1	01/07/20 12:30	01/08/20 11:27	EPA 3005A	1,6020B	AM
Selenium, Total	0.0375		mg/l	0.00500	0.00173	1	01/07/20 12:30	01/08/20 11:27	EPA 3005A	1,6020B	AM
Silver, Total	0.00018	J	mg/l	0.00040	0.00016	1	01/07/20 12:30	01/08/20 11:27	EPA 3005A	1,6020B	AM
Sodium, Total	268.		mg/l	0.100	0.0293	1	01/07/20 12:30	01/08/20 11:27	EPA 3005A	1,6020B	AM
Thallium, Total	0.00039	J	mg/l	0.00050	0.00014	1	01/07/20 12:30	01/08/20 11:27	EPA 3005A	1,6020B	AM
Vanadium, Total	0.05341		mg/l	0.00500	0.00157	1	01/07/20 12:30	01/08/20 11:27	EPA 3005A	1,6020B	AM
Zinc, Total	0.5104		mg/l	0.01000	0.00341	1	01/07/20 12:30	01/08/20 11:27	EPA 3005A	1,6020B	AM

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 09 Batch: WG1327571-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/07/20 10:59	01/07/20 15:02	1,7470A	AL

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 09 Batch: WG1327595-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	01/07/20 12:30	01/08/20 09:59	1,6020B	AM
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/07/20 12:30	01/08/20 09:59	1,6020B	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	01/07/20 12:30	01/08/20 09:59	1,6020B	AM
Barium, Total	ND		mg/l	0.00050	0.00017	1	01/07/20 12:30	01/08/20 09:59	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	01/07/20 12:30	01/08/20 09:59	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/07/20 12:30	01/08/20 09:59	1,6020B	AM
Calcium, Total	ND		mg/l	0.100	0.0394	1	01/07/20 12:30	01/08/20 09:59	1,6020B	AM
Chromium, Total	0.00029	J	mg/l	0.00100	0.00017	1	01/07/20 12:30	01/08/20 09:59	1,6020B	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	01/07/20 12:30	01/08/20 09:59	1,6020B	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	01/07/20 12:30	01/08/20 09:59	1,6020B	AM
Iron, Total	ND		mg/l	0.0500	0.0191	1	01/07/20 12:30	01/08/20 09:59	1,6020B	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	01/07/20 12:30	01/08/20 09:59	1,6020B	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	01/07/20 12:30	01/08/20 09:59	1,6020B	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	01/07/20 12:30	01/08/20 09:59	1,6020B	AM
Nickel, Total	ND		mg/l	0.00200	0.00055	1	01/07/20 12:30	01/08/20 09:59	1,6020B	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	01/07/20 12:30	01/08/20 09:59	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/07/20 12:30	01/08/20 09:59	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/07/20 12:30	01/08/20 09:59	1,6020B	AM
Sodium, Total	ND		mg/l	0.100	0.0293	1	01/07/20 12:30	01/08/20 09:59	1,6020B	AM
Thallium, Total	ND		mg/l	0.00050	0.00014	1	01/07/20 12:30	01/08/20 09:59	1,6020B	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	01/07/20 12:30	01/08/20 09:59	1,6020B	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	01/07/20 12:30	01/08/20 09:59	1,6020B	AM

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000463
Report Date: 01/29/20

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG1327745-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	01/08/20 01:47	01/08/20 13:34	1,7471B	GD

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG1327792-1										
Aluminum, Total	1.20	J	mg/kg	4.00	1.08	1	01/08/20 04:20	01/08/20 16:46	1,6010D	LC
Antimony, Total	ND		mg/kg	2.00	0.152	1	01/08/20 04:20	01/08/20 16:46	1,6010D	LC
Arsenic, Total	ND		mg/kg	0.400	0.083	1	01/08/20 04:20	01/08/20 16:46	1,6010D	LC
Barium, Total	ND		mg/kg	0.400	0.070	1	01/08/20 04:20	01/08/20 16:46	1,6010D	LC
Beryllium, Total	ND		mg/kg	0.200	0.013	1	01/08/20 04:20	01/08/20 16:46	1,6010D	LC
Cadmium, Total	ND		mg/kg	0.400	0.039	1	01/08/20 04:20	01/08/20 16:46	1,6010D	LC
Calcium, Total	3.19	J	mg/kg	4.00	1.40	1	01/08/20 04:20	01/08/20 16:46	1,6010D	LC
Chromium, Total	0.148	J	mg/kg	0.400	0.038	1	01/08/20 04:20	01/08/20 16:46	1,6010D	LC
Cobalt, Total	ND		mg/kg	0.800	0.066	1	01/08/20 04:20	01/08/20 16:46	1,6010D	LC
Copper, Total	ND		mg/kg	0.400	0.103	1	01/08/20 04:20	01/08/20 16:46	1,6010D	LC
Iron, Total	2.48		mg/kg	2.00	0.361	1	01/08/20 04:20	01/08/20 16:46	1,6010D	LC
Lead, Total	ND		mg/kg	2.00	0.107	1	01/08/20 04:20	01/08/20 16:46	1,6010D	LC
Magnesium, Total	1.24	J	mg/kg	4.00	0.616	1	01/08/20 04:20	01/08/20 16:46	1,6010D	LC
Manganese, Total	0.072	J	mg/kg	0.400	0.064	1	01/08/20 04:20	01/08/20 16:46	1,6010D	LC
Nickel, Total	ND		mg/kg	1.00	0.097	1	01/08/20 04:20	01/08/20 16:46	1,6010D	LC
Potassium, Total	ND		mg/kg	100	5.76	1	01/08/20 04:20	01/08/20 16:46	1,6010D	LC
Selenium, Total	ND		mg/kg	0.800	0.103	1	01/08/20 04:20	01/08/20 16:46	1,6010D	LC
Silver, Total	ND		mg/kg	0.400	0.113	1	01/08/20 04:20	01/08/20 16:46	1,6010D	LC
Sodium, Total	1.62	J	mg/kg	80.0	1.26	1	01/08/20 04:20	01/08/20 16:46	1,6010D	LC
Thallium, Total	ND		mg/kg	0.800	0.126	1	01/08/20 04:20	01/08/20 16:46	1,6010D	LC

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

Method Blank Analysis
Batch Quality Control

Vanadium, Total	ND	mg/kg	0.400	0.081	1	01/08/20 04:20	01/08/20 16:46	1,6010D	LC
Zinc, Total	ND	mg/kg	2.00	0.117	1	01/08/20 04:20	01/08/20 16:46	1,6010D	LC

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000463

Report Date: 01/29/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09 Batch: WG1327571-2								
Mercury, Total	92		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000463

Report Date: 01/29/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09 Batch: WG1327595-2					
Aluminum, Total	100	-	80-120	-	
Antimony, Total	82	-	80-120	-	
Arsenic, Total	106	-	80-120	-	
Barium, Total	102	-	80-120	-	
Beryllium, Total	93	-	80-120	-	
Cadmium, Total	105	-	80-120	-	
Calcium, Total	106	-	80-120	-	
Chromium, Total	99	-	80-120	-	
Cobalt, Total	100	-	80-120	-	
Copper, Total	95	-	80-120	-	
Iron, Total	104	-	80-120	-	
Lead, Total	107	-	80-120	-	
Magnesium, Total	106	-	80-120	-	
Manganese, Total	99	-	80-120	-	
Nickel, Total	100	-	80-120	-	
Potassium, Total	102	-	80-120	-	
Selenium, Total	115	-	80-120	-	
Silver, Total	99	-	80-120	-	
Sodium, Total	104	-	80-120	-	
Thallium, Total	104	-	80-120	-	
Vanadium, Total	100	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000463

Report Date: 01/29/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09 Batch: WG1327595-2					
Zinc, Total	108	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1327745-2 SRM Lot Number: D105-540					
Mercury, Total	92	-	60-141	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000463

Report Date: 01/29/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1327792-2 SRM Lot Number: D105-540					
Aluminum, Total	59	-	51-149	-	
Antimony, Total	137	-	19-249	-	
Arsenic, Total	99	-	70-130	-	
Barium, Total	96	-	75-125	-	
Beryllium, Total	104	-	75-125	-	
Cadmium, Total	97	-	75-125	-	
Calcium, Total	91	-	73-127	-	
Chromium, Total	92	-	70-130	-	
Cobalt, Total	99	-	75-125	-	
Copper, Total	95	-	75-125	-	
Iron, Total	72	-	38-162	-	
Lead, Total	94	-	71-128	-	
Magnesium, Total	84	-	63-137	-	
Manganese, Total	86	-	76-124	-	
Nickel, Total	96	-	70-131	-	
Potassium, Total	81	-	60-140	-	
Selenium, Total	102	-	63-137	-	
Silver, Total	97	-	69-131	-	
Sodium, Total	106	-	37-162	-	
Thallium, Total	103	-	68-132	-	
Vanadium, Total	88	-	65-135	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000463

Report Date: 01/29/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1327792-2 SRM Lot Number: D105-540					
Zinc, Total	95	-	70-130	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1327571-3 QC Sample: L2000472-02 Client ID: MS Sample												
Mercury, Total	6.309	0.25	8.140	**732**	Q	-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1327595-3 QC Sample: L2000463-09 Client ID: TW-1										
Aluminum, Total	29.1	2	35.4	**315**	Q	-	-	75-125	-	20
Antimony, Total	ND	0.5	0.4188	84		-	-	75-125	-	20
Arsenic, Total	0.01651	0.12	0.1486	110		-	-	75-125	-	20
Barium, Total	3.059	2	5.098	102		-	-	75-125	-	20
Beryllium, Total	0.00689	0.05	0.05740	101		-	-	75-125	-	20
Cadmium, Total	0.00684	0.051	0.06070	106		-	-	75-125	-	20
Calcium, Total	240.	10	253	**130**	Q	-	-	75-125	-	20
Chromium, Total	0.2542	0.2	0.4809	113		-	-	75-125	-	20
Cobalt, Total	0.1727	0.5	0.7310	112		-	-	75-125	-	20
Copper, Total	0.4330	0.25	0.7552	**129**	Q	-	-	75-125	-	20
Iron, Total	36.4	1	41.1	**470**	Q	-	-	75-125	-	20
Lead, Total	0.3359	0.51	0.8734	105		-	-	75-125	-	20
Magnesium, Total	70.6	10	82.0	114		-	-	75-125	-	20
Manganese, Total	29.45	0.5	30.85	**280**	Q	-	-	75-125	-	20
Nickel, Total	0.3167	0.5	0.9125	119		-	-	75-125	-	20
Potassium, Total	16.0	10	23.7	77		-	-	75-125	-	20
Selenium, Total	0.0375	0.12	0.182	120		-	-	75-125	-	20
Silver, Total	0.00018J	0.05	0.05123	102		-	-	75-125	-	20
Sodium, Total	268.	10	249	**0**	Q	-	-	75-125	-	20
Thallium, Total	0.00039J	0.12	0.1238	103		-	-	75-125	-	20
Vanadium, Total	0.05341	0.5	0.5942	108		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1327595-3 QC Sample: L2000463-09 Client ID: TW-1										
Zinc, Total	0.5104	0.5	1.218	**142**	Q	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1327745-3 QC Sample: L2000431-04 Client ID: MS Sample										
Mercury, Total	ND	0.173	0.158	91		-	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1327792-3 QC Sample: L2000456-01 Client ID: MS Sample										
Aluminum, Total	2350	168	2620	**161**	Q	-	-	75-125	-	20
Antimony, Total	ND	41.9	35.1	84		-	-	75-125	-	20
Arsenic, Total	1.70	10.1	11.1	93		-	-	75-125	-	20
Barium, Total	7.40	168	162	92		-	-	75-125	-	20
Beryllium, Total	0.132J	4.19	4.16	99		-	-	75-125	-	20
Cadmium, Total	ND	4.28	3.55	83		-	-	75-125	-	20
Calcium, Total	793	839	1580	94		-	-	75-125	-	20
Chromium, Total	3.42	16.8	18.3	89		-	-	75-125	-	20
Cobalt, Total	2.83	41.9	40.1	89		-	-	75-125	-	20
Copper, Total	8.04	21	25.5	83		-	-	75-125	-	20
Iron, Total	7450	83.9	7330	**0**	Q	-	-	75-125	-	20
Lead, Total	2.29J	42.8	39.6	92		-	-	75-125	-	20
Magnesium, Total	1100	839	1900	95		-	-	75-125	-	20
Manganese, Total	184	41.9	217	79		-	-	75-125	-	20
Nickel, Total	5.82	41.9	41.6	85		-	-	75-125	-	20
Potassium, Total	275	839	1020	89		-	-	75-125	-	20
Selenium, Total	ND	10.1	9.26	92		-	-	75-125	-	20
Silver, Total	ND	25.2	22.6	90		-	-	75-125	-	20
Sodium, Total	27.9J	839	798	95		-	-	75-125	-	20
Thallium, Total	ND	10.1	8.90	88		-	-	75-125	-	20
Vanadium, Total	7.00	41.9	44.2	89		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1327792-3 QC Sample: L2000456-01 Client ID: MS Sample									
Zinc, Total	16.9	41.9	54.2	89	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000463

Report Date: 01/29/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1327571-4 QC Sample: L2000472-02 Client ID: DUP Sample						
Mercury, Total	6.309	6.700	mg/l	6		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1327595-4 QC Sample: L2000463-09 Client ID: TW-1						
Aluminum, Total	29.1	39.1	mg/l	**29**	Q	20
Antimony, Total	ND	0.00062J	mg/l	NC		20
Arsenic, Total	0.01651	0.02105	mg/l	**24**	Q	20
Barium, Total	3.059	3.281	mg/l	7		20
Beryllium, Total	0.00689	0.00677	mg/l	2		20
Cadmium, Total	0.00684	0.00672	mg/l	2		20
Calcium, Total	240.	225	mg/l	6		20
Chromium, Total	0.2542	0.2795	mg/l	9		20
Cobalt, Total	0.1727	0.1821	mg/l	5		20
Copper, Total	0.4330	0.4605	mg/l	6		20
Iron, Total	36.4	63.2	mg/l	**54**	Q	20
Lead, Total	0.3359	0.3767	mg/l	11		20
Magnesium, Total	70.6	74.6	mg/l	6		20
Nickel, Total	0.3167	0.3419	mg/l	8		20
Potassium, Total	16.0	18.1	mg/l	12		20
Selenium, Total	0.0375	0.0394	mg/l	5		20
Silver, Total	0.00018J	0.00022J	mg/l	NC		20
Sodium, Total	268.	251	mg/l	7		20
Thallium, Total	0.00039J	0.00095	mg/l	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1327595-4 QC Sample: L2000463-09 Client ID: TW-1						
Vanadium, Total	0.05341	0.08619	mg/l	**47**	Q	20
Zinc, Total	0.5104	0.5600	mg/l	9		20
Total Metals - Mansfield Lab Associated sample(s): 09 QC Batch ID: WG1327595-4 QC Sample: L2000463-09 Client ID: TW-1						
Manganese, Total	29.45	30.92	mg/l	5		20
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1327745-4 QC Sample: L2000431-04 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1327792-4 QC Sample: L2000456-01 Client ID: DUP Sample					
Aluminum, Total	2350	2360	mg/kg	0	20
Antimony, Total	ND	ND	mg/kg	NC	20
Arsenic, Total	1.70	1.82	mg/kg	7	20
Barium, Total	7.40	7.45	mg/kg	1	20
Beryllium, Total	0.132J	0.132J	mg/kg	NC	20
Cadmium, Total	ND	ND	mg/kg	NC	20
Calcium, Total	793	803	mg/kg	1	20
Chromium, Total	3.42	3.49	mg/kg	2	20
Cobalt, Total	2.83	2.79	mg/kg	1	20
Copper, Total	8.04	8.22	mg/kg	2	20
Iron, Total	7450	7260	mg/kg	3	20
Lead, Total	2.29J	2.39J	mg/kg	NC	20
Magnesium, Total	1100	1120	mg/kg	2	20
Manganese, Total	184	184	mg/kg	0	20
Nickel, Total	5.82	5.97	mg/kg	3	20
Potassium, Total	275	276	mg/kg	0	20
Selenium, Total	ND	ND	mg/kg	NC	20
Silver, Total	ND	ND	mg/kg	NC	20
Sodium, Total	27.9J	28.8J	mg/kg	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000463

Report Date: 01/29/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1327792-4 QC Sample: L2000456-01 Client ID: DUP Sample					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	7.00	6.96	mg/kg	1	20
Zinc, Total	16.9	17.6	mg/kg	4	20

INORGANICS
&
MISCELLANEOUS

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-01
Client ID: SB-1 (6.5-7')
Sample Location: Not Specified

Date Collected: 01/06/20 08:10
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.7		%	0.100	NA	1	-	01/07/20 09:57	121,2540G	RI

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-02
Client ID: SB-1 (15.5-16')
Sample Location: Not Specified

Date Collected: 01/06/20 08:25
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.6		%	0.100	NA	1	-	01/07/20 09:57	121,2540G	RI

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-03
Client ID: SB-4 (3-3.5')
Sample Location: Not Specified

Date Collected: 01/06/20 09:55
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.6		%	0.100	NA	1	-	01/07/20 09:57	121,2540G	RI

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-04
Client ID: SB-4 (15-15.5')
Sample Location: Not Specified

Date Collected: 01/06/20 10:05
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.0		%	0.100	NA	1	-	01/07/20 09:57	121,2540G	RI

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-05
Client ID: SB-5 (5.5-6')
Sample Location: Not Specified

Date Collected: 01/06/20 11:35
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.3		%	0.100	NA	1	-	01/07/20 09:57	121,2540G	RI

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-06
Client ID: SB-5 (15.5-16')
Sample Location: Not Specified

Date Collected: 01/06/20 11:40
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.0		%	0.100	NA	1	-	01/07/20 09:57	121,2540G	RI

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-07
Client ID: SB-8 (5.5-6')
Sample Location: Not Specified

Date Collected: 01/06/20 14:20
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	01/07/20 09:57	121,2540G	RI

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

SAMPLE RESULTS

Lab ID: L2000463-08
Client ID: SB-8 (15.5-16')
Sample Location: Not Specified

Date Collected: 01/06/20 14:35
Date Received: 01/06/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.9		%	0.100	NA	1	-	01/07/20 09:57	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000463

Report Date: 01/29/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1327514-1 QC Sample: L2000429-01 Client ID: DUP Sample						
Solids, Total	89.0	90.4	%	2		20

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2000463-01A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2000463-01B	Vial water preserved	A	NA		3.8	Y	Absent	07-JAN-20 07:10	NYTCL-8260HLW(14)
L2000463-01C	Vial water preserved	A	NA		3.8	Y	Absent	07-JAN-20 07:10	NYTCL-8260HLW(14)
L2000463-01D	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2000463-01E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2000463-01F	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2000463-02A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2000463-02B	Vial water preserved	A	NA		3.8	Y	Absent	07-JAN-20 07:10	NYTCL-8260HLW(14)
L2000463-02C	Vial water preserved	A	NA		3.8	Y	Absent	07-JAN-20 07:10	NYTCL-8260HLW(14)
L2000463-02D	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2000463-02E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2000463-02F	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2000463-03A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2000463-03B	Vial water preserved	A	NA		3.8	Y	Absent	07-JAN-20 07:10	NYTCL-8260HLW(14)
L2000463-03C	Vial water preserved	A	NA		3.8	Y	Absent	07-JAN-20 07:10	NYTCL-8260HLW(14)
L2000463-03D	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2000463-03E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2000463-03F	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2000463-04A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2000463-04B	Vial water preserved	A	NA		3.8	Y	Absent	07-JAN-20 07:10	NYTCL-8260HLW(14)
L2000463-04C	Vial water preserved	A	NA		3.8	Y	Absent	07-JAN-20 07:10	NYTCL-8260HLW(14)
L2000463-04D	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2000463-04E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2000463-04F	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2000463-05A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2000463-05B	Vial water preserved	A	NA		3.8	Y	Absent	07-JAN-20 07:10	NYTCL-8260HLW(14)
L2000463-05C	Vial water preserved	A	NA		3.8	Y	Absent	07-JAN-20 07:10	NYTCL-8260HLW(14)
L2000463-05D	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2000463-05E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2000463-05F	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2000463-06A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2000463-06B	Vial water preserved	A	NA		3.8	Y	Absent	07-JAN-20 07:10	NYTCL-8260HLW(14)
L2000463-06C	Vial water preserved	A	NA		3.8	Y	Absent	07-JAN-20 07:10	NYTCL-8260HLW(14)
L2000463-06D	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2000463-06E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2000463-06F	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2000463-07A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2000463-07B	Vial water preserved	A	NA		3.8	Y	Absent	07-JAN-20 07:10	NYTCL-8260HLW(14)
L2000463-07C	Vial water preserved	A	NA		3.8	Y	Absent	07-JAN-20 07:10	NYTCL-8260HLW(14)
L2000463-07D	Plastic 2oz unpreserved for TS	A	NA		3.8	Y	Absent		TS(7)
L2000463-07E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),MN-TI(180),MG-TI(180),FE-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2000463-07F	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2000463-08A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2000463-08B	Vial water preserved	B	NA		3.3	Y	Absent	07-JAN-20 07:10	NYTCL-8260HLW(14)
L2000463-08C	Vial water preserved	B	NA		3.3	Y	Absent	07-JAN-20 07:10	NYTCL-8260HLW(14)
L2000463-08D	Plastic 2oz unpreserved for TS	B	NA		3.3	Y	Absent		TS(7)
L2000463-08E	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),CA-TI(180),CD-TI(180),K-TI(180),NA-TI(180)
L2000463-08F	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(14)
L2000463-09A	Plastic 250ml HNO3 preserved	A	<2	<2	3.8	Y	Absent		FE-6020T(180),BA-6020T(180),SE-6020T(180),TL-6020T(180),NI-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AL-6020T(180),AG-6020T(180),HG-T(28),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2000463-09B	Plastic 250ml unpreserved	B	NA		3.3	Y	Absent		A2-NY-537-ISOTOPE(14)

*Values in parentheses indicate holding time in days

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000463
Report Date: 01/29/20

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2000463-09C	Plastic 250ml unpreserved	B	NA		3.3	Y	Absent		A2-NY-537-ISOTOPE(14)
L2000463-09D	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		A2-14-DIOXANESIM-PPB(7)
L2000463-10A	2 Plastic/1 Plastic/1 H20 Plastic	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)

*Values in parentheses indicate holding time in days

Project Name: 205 PARK AVE
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PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1

Project Name:	205 PARK AVE	**Lab Number:**	L2000463
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GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

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

Terms

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

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

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

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

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

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

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

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

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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

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

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration

Report Format: DU Report with 'J' Qualifiers

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Data Qualifiers

Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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Project Number:	12.0076834.10	**Report Date:**	01/29/20

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

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

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

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

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TEL: 508-822-9300
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Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 01/06/20

ALPHA Job #: L2000463

Client Information
Client: G2A
Address: 55 Lane Rd, Fairfield, NJ 07004
Phone: 973-774-3300
Fax:
Email: zhan.shu@g2a.com

Project Information
Project Name: 205 Park Ave
Project Location:
Project #: 12.0076834.10
(Use Project name as Project #) ☐
Project Manager: Zhan Shu
ALPHAQuote #:

Turn-Around Time
Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO #

Regulatory Requirement
☒ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

X=Run

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	Total Solids-SM 2540	TCL VOCs-EPA 8260C	NYTCL SVOCs EPA 8270D	TCL Pesticides EPA 8081B	TCL PCBs-EPA 8082A	TAL Metals-Total (COLOR)	Total Target Analyte List Metals-6020 (Highest)	1,4 Dioxane (EPA 8270D SIM)	PFAS (EPA 537 Mod)	Sample Specific Comments	Total Bottle
00463-01	SB-1 (6.5-7')	1-06-20	0810	Soil	NA	X	X	X	X	X	X					
-02	SB-1 (15.5-16')		0825		PB	X	X	X	X	X	X					
-03	SB-4 (3-3.5')		0955		NA	X	X	X	X	X	X					
-04	SB-4 (15-15.5')		1005		NA	X	X	X	X	X	X					
-05	SB-5 (5.5-6')		1135		PB	X	X	X	X	X	X					
-06	SB-5 (15.5-16')		1140		PB	X	X	X	X	X	X					
-07	SB-8 (5.5-6')		1420		PB	X	X	X	X	X	X					
-08	SB-8 (15.5-16')		1435	↓	PB	X	X	X	X	X	X					
-09	TW-1		1150	GW	NA							X	X			
-10	Field Blank	↓	1300	Blank	PB									X		

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	1-6-20	MG/AR (AAL)	1-6-2020 1725
MG/AR (AAL)	1-6-2020 1640	AAL	1/6/20 19:15
AAL	1/6/20 23:10		1/6/20 23:10

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2000635
Client:	GZA GeoEnvironmental, Inc. 55 Lane Road Suite 407 Fairfield, NJ 07004
ATTN:	Zhan Shu
Phone:	(201) 744-0118
Project Name:	205 PARK AVE.
Project Number:	12.0076834.10
Report Date:	01/14/20

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2000635-01	TW-4	WATER	BROOKLYN, NY	01/07/20 14:40	01/07/20
L2000635-02	TW-5	WATER	BROOKLYN, NY	01/07/20 14:15	01/07/20

Project Name:	205 PARK AVE.	**Lab Number:**	L2000635
Project Number:	12.0076834.10	**Report Date:**	01/14/20

Case Narrative

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

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

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

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

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

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

Project Name: 205 PARK AVE. **Lab Number:** L2000635
Project Number: 12.0076834.10 **Report Date:** 01/14/20

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Semivolatile Organics

The WG1328113-2/-3 LCS/LCSD recoveries, associated with L2000635-01 and -02, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Total Metals

The WG1328026-1 Method Blank, associated with L2000635-01 and -02, has a concentration above the reporting limit for calcium. Since the associated sample concentrations are greater than 10x the blank concentration for this analyte, no corrective action is required.

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

Authorized Signature:  Kelly Stenstrom

Title: Technical Director/Representative Date: 01/14/20

ORGANICS

VOLATILES

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2000635
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000635-01
Client ID: TW-4
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 14:40
Date Received: 01/07/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 01/08/20 21:22
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	34		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	8.7		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVE. **Lab Number:** L2000635

Project Number: 12.0076834.10 **Report Date:** 01/14/20

SAMPLE RESULTS

Lab ID: L2000635-01 Date Collected: 01/07/20 14:40

Client ID: TW-4 Date Received: 01/07/20

Sample Location: BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.40	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2000635
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000635-01
Client ID: TW-4
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 14:40
Date Received: 01/07/20
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	96		70-130

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2000635
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000635-02
Client ID: TW-5
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 14:15
Date Received: 01/07/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 01/08/20 21:48
Analyst: KJD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	36		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	6.0		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVE. **Lab Number:** L2000635

Project Number: 12.0076834.10 **Report Date:** 01/14/20

SAMPLE RESULTS

Lab ID: L2000635-02 Date Collected: 01/07/20 14:15

Client ID: TW-5 Date Received: 01/07/20

Sample Location: BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.40	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.6	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2000635
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000635-02
Client ID: TW-5
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 14:15
Date Received: 01/07/20
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	95		70-130

Project Name: 205 PARK AVE. **Lab Number:** L2000635

Project Number: 12.0076834.10 **Report Date:** 01/14/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/08/20 17:33
Analyst: JAL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1328152-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 205 PARK AVE. **Lab Number:** L2000635

Project Number: 12.0076834.10 **Report Date:** 01/14/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/08/20 17:33
Analyst: JAL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1328152-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 205 PARK AVE. **Lab Number:** L2000635

Project Number: 12.0076834.10 **Report Date:** 01/14/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/08/20 17:33
Analyst: JAL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1328152-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	94		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1328152-3 WG1328152-4								
Methylene chloride	97		100		70-130	3		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	99		100		70-130	1		20
Carbon tetrachloride	98		100		63-132	2		20
1,2-Dichloropropane	100		110		70-130	10		20
Dibromochloromethane	110		120		63-130	9		20
1,1,2-Trichloroethane	110		120		70-130	9		20
Tetrachloroethene	100		100		70-130	0		20
Chlorobenzene	100		110		75-130	10		20
Trichlorofluoromethane	96		100		62-150	4		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	99		100		67-130	1		20
Bromodichloromethane	100		110		67-130	10		20
trans-1,3-Dichloropropene	100		110		70-130	10		20
cis-1,3-Dichloropropene	100		110		70-130	10		20
1,1-Dichloropropene	97		100		70-130	3		20
Bromoform	110		120		54-136	9		20
1,1,2,2-Tetrachloroethane	110		120		67-130	9		20
Benzene	100		110		70-130	10		20
Toluene	100		110		70-130	10		20
Ethylbenzene	100		110		70-130	10		20
Chloromethane	88		93		64-130	6		20
Bromomethane	57		64		39-139	12		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2000635

Report Date: 01/14/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1328152-3 WG1328152-4								
Vinyl chloride	110		120		55-140	9		20
Chloroethane	100		120		55-138	18		20
1,1-Dichloroethene	91		99		61-145	8		20
trans-1,2-Dichloroethene	99		100		70-130	1		20
Trichloroethene	98		100		70-130	2		20
1,2-Dichlorobenzene	100		110		70-130	10		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	100		110		70-130	10		20
Methyl tert butyl ether	99		110		63-130	11		20
p/m-Xylene	105		110		70-130	5		20
o-Xylene	105		110		70-130	5		20
cis-1,2-Dichloroethene	100		100		70-130	0		20
Dibromomethane	100		110		70-130	10		20
1,2,3-Trichloropropane	120		130		64-130	8		20
Acrylonitrile	120		**140**	Q	70-130	15		20
Styrene	100		110		70-130	10		20
Dichlorodifluoromethane	95		100		36-147	5		20
Acetone	120		120		58-148	0		20
Carbon disulfide	98		100		51-130	2		20
2-Butanone	120		130		63-138	8		20
Vinyl acetate	110		120		70-130	9		20
4-Methyl-2-pentanone	120		130		59-130	8		20
2-Hexanone	110		130		57-130	17		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1328152-3 WG1328152-4								
Bromochloromethane	100		110		70-130	10		20
2,2-Dichloropropane	100		100		63-133	0		20
1,2-Dibromoethane	110		110		70-130	0		20
1,3-Dichloropropane	110		120		70-130	9		20
1,1,1,2-Tetrachloroethane	100		110		64-130	10		20
Bromobenzene	100		110		70-130	10		20
n-Butylbenzene	100		110		53-136	10		20
sec-Butylbenzene	100		110		70-130	10		20
tert-Butylbenzene	100		110		70-130	10		20
o-Chlorotoluene	100		110		70-130	10		20
p-Chlorotoluene	100		110		70-130	10		20
1,2-Dibromo-3-chloropropane	110		120		41-144	9		20
Hexachlorobutadiene	110		120		63-130	9		20
Isopropylbenzene	100		110		70-130	10		20
p-Isopropyltoluene	100		110		70-130	10		20
Naphthalene	97		120		70-130	**21**	Q	20
n-Propylbenzene	100		110		69-130	10		20
1,2,3-Trichlorobenzene	96		120		70-130	**22**	Q	20
1,2,4-Trichlorobenzene	99		110		70-130	11		20
1,3,5-Trimethylbenzene	100		110		64-130	10		20
1,2,4-Trimethylbenzene	100		110		70-130	10		20
1,4-Dioxane	88		104		56-162	17		20
p-Diethylbenzene	100		110		70-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2000635

Report Date: 01/14/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1328152-3 WG1328152-4								
p-Ethyltoluene	100		110		70-130	10		20
1,2,4,5-Tetramethylbenzene	100		110		70-130	10		20
Ethyl ether	100		110		59-134	10		20
trans-1,4-Dichloro-2-butene	110		120		70-130	9		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	101		112		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	94		94		70-130
Dibromofluoromethane	94		97		70-130

SEMIVOLATILES

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000635-01
Client ID: TW-4
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 14:40
Date Received: 01/07/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 01/09/20 15:24
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 01/08/20 19:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2000635
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000635-01
Client ID: TW-4
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 14:40
Date Received: 01/07/20
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	50		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	45		23-120
2-Fluorobiphenyl	51		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	65		41-149

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000635-01
Client ID: TW-4
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 14:40
Date Received: 01/07/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 01/09/20 19:06
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 01/08/20 19:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.09	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.05	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.03	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.04	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.02	J	ug/l	0.10	0.01	1
Chrysene	0.03	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.02	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.03	J	ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	0.11		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.03	J	ug/l	0.10	0.01	1
Pyrene	0.07	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	0.24	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 205 PARK AVE. **Lab Number:** L2000635

Project Number: 12.0076834.10 **Report Date:** 01/14/20

SAMPLE RESULTS

Lab ID: L2000635-01 Date Collected: 01/07/20 14:40

Client ID: TW-4 Date Received: 01/07/20

Sample Location: BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	46		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	85		10-120
4-Terphenyl-d14	95		41-149

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2000635
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000635-02
Client ID: TW-5
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 14:15
Date Received: 01/07/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 01/09/20 15:51
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 01/08/20 19:08

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	2.2	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 205 PARK AVE. **Lab Number:** L2000635

Project Number: 12.0076834.10 **Report Date:** 01/14/20

SAMPLE RESULTS

Lab ID: L2000635-02 Date Collected: 01/07/20 14:15

Client ID: TW-5 Date Received: 01/07/20

Sample Location: BROOKLYN, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	49		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	44		23-120
2-Fluorobiphenyl	50		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	62		41-149

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000635-02
Client ID: TW-5
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 14:15
Date Received: 01/07/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 01/09/20 19:22
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 01/08/20 19:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.03	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.55		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.08	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.39		ug/l	0.10	0.02	1
Benzo(a)pyrene	0.36		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.43		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.15		ug/l	0.10	0.01	1
Chrysene	0.35		ug/l	0.10	0.01	1
Acenaphthylene	0.07	J	ug/l	0.10	0.01	1
Anthracene	0.08	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.26		ug/l	0.10	0.01	1
Fluorene	0.03	J	ug/l	0.10	0.01	1
Phenanthrene	0.41		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.06	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.24		ug/l	0.10	0.01	1
Pyrene	0.71		ug/l	0.10	0.02	1
2-Methylnaphthalene	0.03	J	ug/l	0.10	0.02	1
Pentachlorophenol	0.38	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2000635
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000635-02
Client ID: TW-5
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 14:15
Date Received: 01/07/20
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	34		10-120
Nitrobenzene-d5	51		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	68		10-120
4-Terphenyl-d14	86		41-149

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/09/20 11:26
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 01/08/20 19:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1328113-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/09/20 11:26
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 01/08/20 19:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1328113-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/09/20 11:26
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 01/08/20 19:08

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1328113-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	42		10-120
Nitrobenzene-d5	43		23-120
2-Fluorobiphenyl	49		15-120
2,4,6-Tribromophenol	52		10-120
4-Terphenyl-d14	64		41-149

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 01/09/20 16:11
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 01/08/20 19:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1328115-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 01/09/20 16:11
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 01/08/20 19:10

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1328115-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	41		10-120
Nitrobenzene-d5	62		23-120
2-Fluorobiphenyl	81		15-120
2,4,6-Tribromophenol	53		10-120
4-Terphenyl-d14	88		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1328113-2 WG1328113-3								
Acenaphthene	74		72		37-111	3		30
1,2,4-Trichlorobenzene	67		61		39-98	9		30
Hexachlorobenzene	73		72		40-140	1		30
Bis(2-chloroethyl)ether	69		61		40-140	12		30
2-Chloronaphthalene	73		69		40-140	6		30
1,2-Dichlorobenzene	68		61		40-140	11		30
1,3-Dichlorobenzene	67		62		40-140	8		30
1,4-Dichlorobenzene	66		60		36-97	10		30
3,3'-Dichlorobenzidine	72		70		40-140	3		30
2,4-Dinitrotoluene	73		74		48-143	1		30
2,6-Dinitrotoluene	78		76		40-140	3		30
Fluoranthene	79		79		40-140	0		30
4-Chlorophenyl phenyl ether	74		71		40-140	4		30
4-Bromophenyl phenyl ether	78		79		40-140	1		30
Bis(2-chloroisopropyl)ether	62		56		40-140	10		30
Bis(2-chloroethoxy)methane	71		68		40-140	4		30
Hexachlorobutadiene	67		61		40-140	9		30
Hexachlorocyclopentadiene	62		57		40-140	8		30
Hexachloroethane	61		55		40-140	10		30
Isophorone	70		68		40-140	3		30
Naphthalene	71		66		40-140	7		30
Nitrobenzene	65		60		40-140	8		30
NDPA/DPA	78		76		40-140	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1328113-2 WG1328113-3								
n-Nitrosodi-n-propylamine	69		64		29-132	8		30
Bis(2-ethylhexyl)phthalate	79		78		40-140	1		30
Butyl benzyl phthalate	76		73		40-140	4		30
Di-n-butylphthalate	73		74		40-140	1		30
Di-n-octylphthalate	78		75		40-140	4		30
Diethyl phthalate	74		75		40-140	1		30
Dimethyl phthalate	74		72		40-140	3		30
Benzo(a)anthracene	80		80		40-140	0		30
Benzo(a)pyrene	71		68		40-140	4		30
Benzo(b)fluoranthene	88		78		40-140	12		30
Benzo(k)fluoranthene	80		76		40-140	5		30
Chrysene	76		74		40-140	3		30
Acenaphthylene	75		74		45-123	1		30
Anthracene	78		75		40-140	4		30
Benzo(ghi)perylene	81		81		40-140	0		30
Fluorene	77		74		40-140	4		30
Phenanthrene	74		74		40-140	0		30
Dibenzo(a,h)anthracene	78		79		40-140	1		30
Indeno(1,2,3-cd)pyrene	88		84		40-140	5		30
Pyrene	74		73		26-127	1		30
Biphenyl	77		71		40-140	8		30
4-Chloroaniline	61		61		40-140	0		30
2-Nitroaniline	73		70		52-143	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1328113-2 WG1328113-3								
3-Nitroaniline	66		71		25-145	7		30
4-Nitroaniline	69		69		51-143	0		30
Dibenzofuran	73		74		40-140	1		30
2-Methylnaphthalene	79		72		40-140	9		30
1,2,4,5-Tetrachlorobenzene	68		66		2-134	3		30
Acetophenone	72		66		39-129	9		30
2,4,6-Trichlorophenol	72		70		30-130	3		30
p-Chloro-m-cresol	77		77		23-97	0		30
2-Chlorophenol	74		68		27-123	8		30
2,4-Dichlorophenol	77		72		30-130	7		30
2,4-Dimethylphenol	65		61		30-130	6		30
2-Nitrophenol	72		65		30-130	10		30
4-Nitrophenol	52		57		10-80	9		30
2,4-Dinitrophenol	42		48		20-130	13		30
4,6-Dinitro-o-cresol	63		62		20-164	2		30
Pentachlorophenol	60		56		9-103	7		30
Phenol	54		50		12-110	8		30
2-Methylphenol	72		70		30-130	3		30
3-Methylphenol/4-Methylphenol	71		70		30-130	1		30
2,4,5-Trichlorophenol	73		72		30-130	1		30
Benzoic Acid	**0**	Q	**0**	Q	10-164	NC		30
Benzyl Alcohol	60		58		26-116	3		30
Carbazole	79		78		55-144	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2000635

Report Date: 01/14/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1328113-2 WG1328113-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	56		53		21-120
Phenol-d6	48		45		10-120
Nitrobenzene-d5	48		45		23-120
2-Fluorobiphenyl	51		51		15-120
2,4,6-Tribromophenol	67		69		10-120
4-Terphenyl-d14	63		62		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1328115-2 WG1328115-3								
Acenaphthene	76		83		40-140	9		40
2-Chloronaphthalene	75		85		40-140	13		40
Fluoranthene	80		87		40-140	8		40
Hexachlorobutadiene	65		71		40-140	9		40
Naphthalene	67		74		40-140	10		40
Benzo(a)anthracene	76		79		40-140	4		40
Benzo(a)pyrene	86		94		40-140	9		40
Benzo(b)fluoranthene	81		94		40-140	15		40
Benzo(k)fluoranthene	92		97		40-140	5		40
Chrysene	81		86		40-140	6		40
Acenaphthylene	74		84		40-140	13		40
Anthracene	84		91		40-140	8		40
Benzo(ghi)perylene	86		94		40-140	9		40
Fluorene	77		85		40-140	10		40
Phenanthrene	76		83		40-140	9		40
Dibenzo(a,h)anthracene	89		98		40-140	10		40
Indeno(1,2,3-cd)pyrene	80		89		40-140	11		40
Pyrene	80		86		40-140	7		40
2-Methylnaphthalene	70		79		40-140	12		40
Pentachlorophenol	**34**	Q	61		40-140	**57**	Q	40
Hexachlorobenzene	72		77		40-140	7		40
Hexachloroethane	52		58		40-140	11		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2000635

Report Date: 01/14/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1328115-2 WG1328115-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	46		50		21-120
Phenol-d6	35		40		10-120
Nitrobenzene-d5	55		62		23-120
2-Fluorobiphenyl	78		78		15-120
2,4,6-Tribromophenol	74		67		10-120
4-Terphenyl-d14	84		91		41-149

PCBS

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000635-01
Client ID: TW-4
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 14:40
Date Received: 01/07/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 01/09/20 16:19
Analyst: CW

Extraction Method: EPA 3510C
Extraction Date: 01/08/20 18:43
Cleanup Method: EPA 3665A
Cleanup Date: 01/09/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	49		30-150	B
Decachlorobiphenyl	43		30-150	B

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000635-02
Client ID: TW-5
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 14:15
Date Received: 01/07/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 01/09/20 16:33
Analyst: CW

Extraction Method: EPA 3510C
Extraction Date: 01/08/20 18:43
Cleanup Method: EPA 3665A
Cleanup Date: 01/09/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 01/09/20 15:39
Analyst: KB

Extraction Method: EPA 3510C
Extraction Date: 01/08/20 18:43
Cleanup Method: EPA 3665A
Cleanup Date: 01/09/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-02 Batch: WG1328109-1						
Aroclor 1016	ND		ug/l	0.083	0.034	A
Aroclor 1221	ND		ug/l	0.083	0.067	A
Aroclor 1232	ND		ug/l	0.083	0.046	A
Aroclor 1242	ND		ug/l	0.083	0.039	A
Aroclor 1248	ND		ug/l	0.083	0.049	A
Aroclor 1254	ND		ug/l	0.083	0.039	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.035	A
Aroclor 1268	ND		ug/l	0.083	0.034	A
PCBs, Total	ND		ug/l	0.083	0.032	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	67		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1328109-2 WG1328109-3									
Aroclor 1016	56		66		40-140	17		50	A
Aroclor 1260	61		85		40-140	33		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		63		30-150	A
Decachlorobiphenyl	53		66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		60		30-150	B
Decachlorobiphenyl	63		78		30-150	B

PESTICIDES

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000635-01
Client ID: TW-4
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 14:40
Date Received: 01/07/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 01/09/20 14:38
Analyst: DGM

Extraction Method: EPA 3510C
Extraction Date: 01/08/20 18:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2000635
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000635-01
Client ID: TW-4
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 14:40
Date Received: 01/07/20
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	31		30-150	B

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000635-02
Client ID: TW-5
Sample Location: BROOKLYN, NY

Date Collected: 01/07/20 14:15
Date Received: 01/07/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 01/09/20 14:47
Analyst: DGM

Extraction Method: EPA 3510C
Extraction Date: 01/08/20 18:41

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2000635
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000635-02
Client ID: TW-5
Sample Location: BROOKLYN, NY
Date Collected: 01/07/20 14:15
Date Received: 01/07/20
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	80		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/08/20 09:05
Analyst: SL

Extraction Method: EPA 3510C
Extraction Date: 01/08/20 04:02

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1327800-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/08/20 09:05
Analyst: SL

Extraction Method: EPA 3510C
Extraction Date: 01/08/20 04:02

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-02 Batch: WG1327800-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	79		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2000635

Report Date: 01/14/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1327800-2 WG1327800-3									
Delta-BHC	86		80		30-150	7		20	A
Lindane	85		78		30-150	9		20	A
Alpha-BHC	89		82		30-150	8		20	A
Beta-BHC	79		74		30-150	7		20	A
Heptachlor	81		75		30-150	7		20	A
Aldrin	84		79		30-150	6		20	A
Heptachlor epoxide	86		83		30-150	4		20	A
Endrin	88		87		30-150	1		20	A
Endrin aldehyde	73		72		30-150	1		20	A
Endrin ketone	94		94		30-150	0		20	A
Dieldrin	90		87		30-150	3		20	A
4,4'-DDE	87		85		30-150	3		20	A
4,4'-DDD	88		87		30-150	2		20	A
4,4'-DDT	90		90		30-150	0		20	A
Endosulfan I	81		78		30-150	4		20	A
Endosulfan II	99		98		30-150	1		20	A
Endosulfan sulfate	84		84		30-150	1		20	A
Methoxychlor	102		104		30-150	2		20	A
cis-Chlordane	79		76		30-150	4		20	A
trans-Chlordane	82		79		30-150	3		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-02 Batch: WG1327800-2 WG1327800-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		72		30-150	A
Decachlorobiphenyl	81		79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	87		76		30-150	B
Decachlorobiphenyl	84		82		30-150	B

METALS

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2000635
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000635-01
Client ID: TW-4
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 01/07/20 14:40
Date Received: 01/07/20
Field Prep: Refer to COC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2.96		mg/l	0.0100	0.00327	1	01/08/20 16:46	01/08/20 23:43	EPA 3005A	1,6020B	AM
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/08/20 16:46	01/08/20 23:43	EPA 3005A	1,6020B	AM
Arsenic, Total	0.00200		mg/l	0.00050	0.00016	1	01/08/20 16:46	01/08/20 23:43	EPA 3005A	1,6020B	AM
Barium, Total	0.1081		mg/l	0.00050	0.00017	1	01/08/20 16:46	01/08/20 23:43	EPA 3005A	1,6020B	AM
Beryllium, Total	0.00021	J	mg/l	0.00050	0.00010	1	01/08/20 16:46	01/08/20 23:43	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00010	J	mg/l	0.00020	0.00005	1	01/08/20 16:46	01/08/20 23:43	EPA 3005A	1,6020B	AM
Calcium, Total	38.2		mg/l	0.100	0.0394	1	01/08/20 16:46	01/08/20 23:43	EPA 3005A	1,6020B	AM
Chromium, Total	0.00750		mg/l	0.00100	0.00017	1	01/08/20 16:46	01/08/20 23:43	EPA 3005A	1,6020B	AM
Cobalt, Total	0.00399		mg/l	0.00050	0.00016	1	01/08/20 16:46	01/08/20 23:43	EPA 3005A	1,6020B	AM
Copper, Total	0.01024		mg/l	0.00100	0.00038	1	01/08/20 16:46	01/08/20 23:43	EPA 3005A	1,6020B	AM
Iron, Total	5.32		mg/l	0.100	0.0191	1	01/08/20 16:46	01/08/20 23:43	EPA 3005A	1,6020B	AM
Lead, Total	0.00784		mg/l	0.00100	0.00034	1	01/08/20 16:46	01/08/20 23:43	EPA 3005A	1,6020B	AM
Magnesium, Total	9.82		mg/l	0.0700	0.0242	1	01/08/20 16:46	01/08/20 23:43	EPA 3005A	1,6020B	AM
Manganese, Total	0.6768		mg/l	0.00100	0.00044	1	01/08/20 16:46	01/08/20 23:43	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/08/20 11:54	01/08/20 16:09	EPA 7470A	1,7470A	AL
Nickel, Total	0.02063		mg/l	0.00200	0.00055	1	01/08/20 16:46	01/08/20 23:43	EPA 3005A	1,6020B	AM
Potassium, Total	5.08		mg/l	0.100	0.0309	1	01/08/20 16:46	01/09/20 01:17	EPA 3005A	1,6020B	MG
Selenium, Total	0.00198	J	mg/l	0.00500	0.00173	1	01/08/20 16:46	01/08/20 23:43	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/08/20 16:46	01/08/20 23:43	EPA 3005A	1,6020B	AM
Sodium, Total	161.		mg/l	0.100	0.0293	1	01/08/20 16:46	01/08/20 23:43	EPA 3005A	1,6020B	AM
Thallium, Total	ND		mg/l	0.00100	0.00014	1	01/08/20 16:46	01/08/20 23:43	EPA 3005A	1,6020B	AM
Vanadium, Total	0.00773		mg/l	0.00500	0.00157	1	01/08/20 16:46	01/08/20 23:43	EPA 3005A	1,6020B	AM
Zinc, Total	0.02052		mg/l	0.01000	0.00341	1	01/08/20 16:46	01/08/20 23:43	EPA 3005A	1,6020B	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00696	J	mg/l	0.0100	0.00327	1	01/08/20 16:43	01/09/20 11:26	EPA 3005A	1,6020B	AM
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	01/08/20 16:43	01/09/20 11:26	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.00021	J	mg/l	0.00050	0.00016	1	01/08/20 16:43	01/09/20 11:26	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.05837		mg/l	0.00050	0.00017	1	01/08/20 16:43	01/09/20 11:26	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	01/08/20 16:43	01/09/20 11:26	EPA 3005A	1,6020B	AM

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2000635
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000635-01
Client ID: TW-4
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 01/07/20 14:40
Date Received: 01/07/20
Field Prep: Refer to COC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00006	J	mg/l	0.00020	0.00005	1	01/08/20 16:43	01/09/20 11:26	EPA 3005A	1,6020B	AM
Calcium, Dissolved	38.9		mg/l	0.100	0.0394	1	01/08/20 16:43	01/09/20 11:26	EPA 3005A	1,6020B	AM
Chromium, Dissolved	0.00181		mg/l	0.00100	0.00017	1	01/08/20 16:43	01/09/20 11:26	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.00064		mg/l	0.00050	0.00016	1	01/08/20 16:43	01/09/20 11:26	EPA 3005A	1,6020B	AM
Copper, Dissolved	0.00046	J	mg/l	0.00100	0.00038	1	01/08/20 16:43	01/09/20 11:26	EPA 3005A	1,6020B	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	01/08/20 16:43	01/09/20 11:26	EPA 3005A	1,6020B	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	01/08/20 16:43	01/09/20 11:26	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	6.75		mg/l	0.0700	0.0242	1	01/08/20 16:43	01/09/20 11:26	EPA 3005A	1,6020B	AM
Manganese, Dissolved	0.4480		mg/l	0.00100	0.00044	1	01/08/20 16:43	01/09/20 11:26	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	01/08/20 18:10	01/08/20 20:56	EPA 7470A	1,7470A	AL
Nickel, Dissolved	0.00709		mg/l	0.00200	0.00055	1	01/08/20 16:43	01/09/20 11:26	EPA 3005A	1,6020B	AM
Potassium, Dissolved	4.29		mg/l	0.100	0.0309	1	01/08/20 16:43	01/09/20 11:26	EPA 3005A	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	01/08/20 16:43	01/09/20 11:26	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	01/08/20 16:43	01/09/20 11:26	EPA 3005A	1,6020B	AM
Sodium, Dissolved	120.		mg/l	0.100	0.0293	1	01/08/20 16:43	01/09/20 11:26	EPA 3005A	1,6020B	AM
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	01/08/20 16:43	01/09/20 11:26	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	01/08/20 16:43	01/09/20 11:26	EPA 3005A	1,6020B	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	01/08/20 16:43	01/09/20 11:26	EPA 3005A	1,6020B	AM

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2000635
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000635-02
Client ID: TW-5
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 01/07/20 14:15
Date Received: 01/07/20
Field Prep: Refer to COC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	13.8		mg/l	0.0100	0.00327	1	01/08/20 16:46	01/08/20 23:47	EPA 3005A	1,6020B	AM
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/08/20 16:46	01/08/20 23:47	EPA 3005A	1,6020B	AM
Arsenic, Total	0.00822		mg/l	0.00050	0.00016	1	01/08/20 16:46	01/08/20 23:47	EPA 3005A	1,6020B	AM
Barium, Total	0.3054		mg/l	0.00050	0.00017	1	01/08/20 16:46	01/08/20 23:47	EPA 3005A	1,6020B	AM
Beryllium, Total	0.00095		mg/l	0.00050	0.00010	1	01/08/20 16:46	01/08/20 23:47	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00042		mg/l	0.00020	0.00005	1	01/08/20 16:46	01/08/20 23:47	EPA 3005A	1,6020B	AM
Calcium, Total	41.5		mg/l	0.100	0.0394	1	01/08/20 16:46	01/08/20 23:47	EPA 3005A	1,6020B	AM
Chromium, Total	0.03471		mg/l	0.00100	0.00017	1	01/08/20 16:46	01/08/20 23:47	EPA 3005A	1,6020B	AM
Cobalt, Total	0.01958		mg/l	0.00050	0.00016	1	01/08/20 16:46	01/08/20 23:47	EPA 3005A	1,6020B	AM
Copper, Total	0.05966		mg/l	0.00100	0.00038	1	01/08/20 16:46	01/08/20 23:47	EPA 3005A	1,6020B	AM
Iron, Total	26.8		mg/l	0.100	0.0191	1	01/08/20 16:46	01/08/20 23:47	EPA 3005A	1,6020B	AM
Lead, Total	0.08189		mg/l	0.00100	0.00034	1	01/08/20 16:46	01/08/20 23:47	EPA 3005A	1,6020B	AM
Magnesium, Total	20.0		mg/l	0.0700	0.0242	1	01/08/20 16:46	01/08/20 23:47	EPA 3005A	1,6020B	AM
Manganese, Total	2.121		mg/l	0.00100	0.00044	1	01/08/20 16:46	01/08/20 23:47	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/08/20 11:54	01/08/20 16:11	EPA 7470A	1,7470A	AL
Nickel, Total	0.08091		mg/l	0.00200	0.00055	1	01/08/20 16:46	01/08/20 23:47	EPA 3005A	1,6020B	AM
Potassium, Total	6.05		mg/l	0.100	0.0309	1	01/08/20 16:46	01/09/20 01:22	EPA 3005A	1,6020B	MG
Selenium, Total	0.00488	J	mg/l	0.00500	0.00173	1	01/08/20 16:46	01/08/20 23:47	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/08/20 16:46	01/08/20 23:47	EPA 3005A	1,6020B	AM
Sodium, Total	173.		mg/l	0.100	0.0293	1	01/08/20 16:46	01/08/20 23:47	EPA 3005A	1,6020B	AM
Thallium, Total	0.00023	J	mg/l	0.00100	0.00014	1	01/08/20 16:46	01/08/20 23:47	EPA 3005A	1,6020B	AM
Vanadium, Total	0.03777		mg/l	0.00500	0.00157	1	01/08/20 16:46	01/08/20 23:47	EPA 3005A	1,6020B	AM
Zinc, Total	0.09814		mg/l	0.01000	0.00341	1	01/08/20 16:46	01/08/20 23:47	EPA 3005A	1,6020B	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0911		mg/l	0.0100	0.00327	1	01/08/20 16:43	01/09/20 11:31	EPA 3005A	1,6020B	AM
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	01/08/20 16:43	01/09/20 11:31	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.00048	J	mg/l	0.00050	0.00016	1	01/08/20 16:43	01/09/20 11:31	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.05003		mg/l	0.00050	0.00017	1	01/08/20 16:43	01/09/20 11:31	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	01/08/20 16:43	01/09/20 11:31	EPA 3005A	1,6020B	AM

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2000635
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000635-02
Client ID: TW-5
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 01/07/20 14:15
Date Received: 01/07/20
Field Prep: Refer to COC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	01/08/20 16:43	01/09/20 11:31	EPA 3005A	1,6020B	AM
Calcium, Dissolved	30.5		mg/l	0.100	0.0394	1	01/08/20 16:43	01/09/20 11:31	EPA 3005A	1,6020B	AM
Chromium, Dissolved	0.00283		mg/l	0.00100	0.00017	1	01/08/20 16:43	01/09/20 11:31	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.00025	J	mg/l	0.00050	0.00016	1	01/08/20 16:43	01/09/20 11:31	EPA 3005A	1,6020B	AM
Copper, Dissolved	0.00080	J	mg/l	0.00100	0.00038	1	01/08/20 16:43	01/09/20 11:31	EPA 3005A	1,6020B	AM
Iron, Dissolved	0.153		mg/l	0.0500	0.0191	1	01/08/20 16:43	01/09/20 11:31	EPA 3005A	1,6020B	AM
Lead, Dissolved	0.00042	J	mg/l	0.00100	0.00034	1	01/08/20 16:43	01/09/20 11:31	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	9.42		mg/l	0.0700	0.0242	1	01/08/20 16:43	01/09/20 11:31	EPA 3005A	1,6020B	AM
Manganese, Dissolved	0.05089		mg/l	0.00100	0.00044	1	01/08/20 16:43	01/09/20 11:31	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	01/08/20 18:10	01/08/20 21:02	EPA 7470A	1,7470A	AL
Nickel, Dissolved	0.00235		mg/l	0.00200	0.00055	1	01/08/20 16:43	01/09/20 11:31	EPA 3005A	1,6020B	AM
Potassium, Dissolved	2.83		mg/l	0.100	0.0309	1	01/08/20 16:43	01/09/20 11:31	EPA 3005A	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	01/08/20 16:43	01/09/20 11:31	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	01/08/20 16:43	01/09/20 11:31	EPA 3005A	1,6020B	AM
Sodium, Dissolved	157.		mg/l	0.100	0.0293	1	01/08/20 16:43	01/09/20 11:31	EPA 3005A	1,6020B	AM
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	01/08/20 16:43	01/09/20 11:31	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	01/08/20 16:43	01/09/20 11:31	EPA 3005A	1,6020B	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	01/08/20 16:43	01/09/20 11:31	EPA 3005A	1,6020B	AM

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2000635
Report Date: 01/14/20

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1327971-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/08/20 11:54	01/08/20 15:54	1,7470A	AL

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1328026-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	01/08/20 16:46	01/08/20 22:12	1,6020B	AM
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/08/20 16:46	01/08/20 22:12	1,6020B	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	01/08/20 16:46	01/08/20 22:12	1,6020B	AM
Barium, Total	ND		mg/l	0.00050	0.00017	1	01/08/20 16:46	01/08/20 22:12	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	01/08/20 16:46	01/08/20 22:12	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/08/20 16:46	01/08/20 22:12	1,6020B	AM
Calcium, Total	0.458		mg/l	0.100	0.0394	1	01/08/20 16:46	01/08/20 22:12	1,6020B	AM
Chromium, Total	ND		mg/l	0.00100	0.00017	1	01/08/20 16:46	01/08/20 22:12	1,6020B	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	01/08/20 16:46	01/08/20 22:12	1,6020B	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	01/08/20 16:46	01/08/20 22:12	1,6020B	AM
Iron, Total	0.0198	J	mg/l	0.100	0.0191	1	01/08/20 16:46	01/08/20 22:12	1,6020B	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	01/08/20 16:46	01/08/20 22:12	1,6020B	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	01/08/20 16:46	01/08/20 22:12	1,6020B	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	01/08/20 16:46	01/08/20 22:12	1,6020B	AM
Nickel, Total	ND		mg/l	0.00200	0.00055	1	01/08/20 16:46	01/08/20 22:12	1,6020B	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	01/08/20 16:46	01/08/20 22:12	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/08/20 16:46	01/08/20 22:12	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/08/20 16:46	01/08/20 22:12	1,6020B	AM
Sodium, Total	ND		mg/l	0.100	0.0293	1	01/08/20 16:46	01/08/20 22:12	1,6020B	AM
Thallium, Total	ND		mg/l	0.00100	0.00014	1	01/08/20 16:46	01/08/20 22:12	1,6020B	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	01/08/20 16:46	01/08/20 22:12	1,6020B	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	01/08/20 16:46	01/08/20 22:12	1,6020B	AM

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2000635
Report Date: 01/14/20

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1328057-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	01/08/20 16:43	01/09/20 09:59	1,6020B	AM
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	01/08/20 16:43	01/09/20 09:59	1,6020B	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	01/08/20 16:43	01/09/20 09:59	1,6020B	AM
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	01/08/20 16:43	01/09/20 09:59	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	01/08/20 16:43	01/09/20 09:59	1,6020B	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	01/08/20 16:43	01/09/20 09:59	1,6020B	AM
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	01/08/20 16:43	01/09/20 09:59	1,6020B	AM
Chromium, Dissolved	0.00098	J	mg/l	0.00100	0.00017	1	01/08/20 16:43	01/09/20 09:59	1,6020B	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	01/08/20 16:43	01/09/20 09:59	1,6020B	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	01/08/20 16:43	01/09/20 09:59	1,6020B	AM
Iron, Dissolved	0.0247	J	mg/l	0.0500	0.0191	1	01/08/20 16:43	01/09/20 09:59	1,6020B	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	01/08/20 16:43	01/09/20 09:59	1,6020B	AM
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	01/08/20 16:43	01/09/20 09:59	1,6020B	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	01/08/20 16:43	01/09/20 09:59	1,6020B	AM
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	01/08/20 16:43	01/09/20 09:59	1,6020B	AM
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	01/08/20 16:43	01/09/20 09:59	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	01/08/20 16:43	01/09/20 09:59	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	01/08/20 16:43	01/09/20 09:59	1,6020B	AM
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	01/08/20 16:43	01/09/20 09:59	1,6020B	AM
Thallium, Dissolved	0.00020	J	mg/l	0.00100	0.00014	1	01/08/20 16:43	01/09/20 09:59	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	01/08/20 16:43	01/09/20 09:59	1,6020B	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	01/08/20 16:43	01/09/20 09:59	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2000635
Report Date: 01/14/20

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1328088-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	01/08/20 18:10	01/08/20 20:47	1,7470A	AL

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2000635

Report Date: 01/14/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1327971-2								
Mercury, Total	110		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2000635

Report Date: 01/14/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1328026-2					
Aluminum, Total	108	-	80-120	-	
Antimony, Total	90	-	80-120	-	
Arsenic, Total	109	-	80-120	-	
Barium, Total	108	-	80-120	-	
Beryllium, Total	96	-	80-120	-	
Cadmium, Total	112	-	80-120	-	
Calcium, Total	118	-	80-120	-	
Chromium, Total	106	-	80-120	-	
Cobalt, Total	107	-	80-120	-	
Copper, Total	104	-	80-120	-	
Iron, Total	116	-	80-120	-	
Lead, Total	106	-	80-120	-	
Magnesium, Total	115	-	80-120	-	
Manganese, Total	101	-	80-120	-	
Nickel, Total	109	-	80-120	-	
Potassium, Total	112	-	80-120	-	
Selenium, Total	102	-	80-120	-	
Silver, Total	104	-	80-120	-	
Sodium, Total	112	-	80-120	-	
Thallium, Total	104	-	80-120	-	
Vanadium, Total	109	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2000635

Report Date: 01/14/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1328026-2					
Zinc, Total	116	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2000635

Report Date: 01/14/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1328057-2					
Aluminum, Dissolved	103	-	80-120	-	
Antimony, Dissolved	82	-	80-120	-	
Arsenic, Dissolved	108	-	80-120	-	
Barium, Dissolved	102	-	80-120	-	
Beryllium, Dissolved	101	-	80-120	-	
Cadmium, Dissolved	104	-	80-120	-	
Calcium, Dissolved	112	-	80-120	-	
Chromium, Dissolved	104	-	80-120	-	
Cobalt, Dissolved	101	-	80-120	-	
Copper, Dissolved	96	-	80-120	-	
Iron, Dissolved	111	-	80-120	-	
Lead, Dissolved	107	-	80-120	-	
Magnesium, Dissolved	111	-	80-120	-	
Manganese, Dissolved	105	-	80-120	-	
Nickel, Dissolved	104	-	80-120	-	
Potassium, Dissolved	108	-	80-120	-	
Selenium, Dissolved	111	-	80-120	-	
Silver, Dissolved	99	-	80-120	-	
Sodium, Dissolved	107	-	80-120	-	
Thallium, Dissolved	106	-	80-120	-	
Vanadium, Dissolved	108	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2000635

Report Date: 01/14/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1328057-2					
Zinc, Dissolved	107	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1328088-2					
Mercury, Dissolved	89	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1327971-3 QC Sample: L2000588-02 Client ID: MS Sample												
Mercury, Total	ND	0.005	0.00438	88		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1328026-3 QC Sample: L2000543-01 Client ID: MS Sample										
Aluminum, Total	0.023	2	2.12	105		-	-	75-125	-	20
Antimony, Total	ND	0.5	0.5208	104		-	-	75-125	-	20
Arsenic, Total	0.03278	0.12	0.1561	103		-	-	75-125	-	20
Barium, Total	0.0589	2	2.132	104		-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.04962	99		-	-	75-125	-	20
Cadmium, Total	0.0003	0.051	0.05308	104		-	-	75-125	-	20
Calcium, Total	30.6	10	38.4	78		-	-	75-125	-	20
Chromium, Total	ND	0.2	0.1939	97		-	-	75-125	-	20
Cobalt, Total	0.0182	0.5	0.5288	102		-	-	75-125	-	20
Copper, Total	0.0015	0.25	0.2320	92		-	-	75-125	-	20
Iron, Total	7.92	1	8.43	**51**	Q	-	-	75-125	-	20
Lead, Total	ND	0.51	0.5278	103		-	-	75-125	-	20
Magnesium, Total	6.57	10	17.2	106		-	-	75-125	-	20
Manganese, Total	2.102	0.5	2.508	81		-	-	75-125	-	20
Nickel, Total	0.0089	0.5	0.5032	99		-	-	75-125	-	20
Potassium, Total	7.93	10	18.4	105		-	-	75-125	-	20
Selenium, Total	ND	0.12	0.135	112		-	-	75-125	-	20
Silver, Total	ND	0.05	0.04802	96		-	-	75-125	-	20
Sodium, Total	368	10	304	**-640**	Q	-	-	75-125	-	20
Thallium, Total	0.0003J	0.12	0.1207	100		-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.5162	103		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1328026-3 QC Sample: L2000543-01 Client ID: MS Sample									
Zinc, Total	0.0172	0.5	0.5445	105	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1328057-3 QC Sample: L2000596-09 Client ID: MS Sample									
Aluminum, Dissolved	0.082	2	2.12	102	-	-	75-125	-	20
Antimony, Dissolved	0.0005J	0.5	0.4853	97	-	-	75-125	-	20
Arsenic, Dissolved	0.0015	0.12	0.1289	106	-	-	75-125	-	20
Barium, Dissolved	0.0367	2	2.093	103	-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.05216	104	-	-	75-125	-	20
Cadmium, Dissolved	ND	0.051	0.05264	103	-	-	75-125	-	20
Calcium, Dissolved	14.7	10	26.2	115	-	-	75-125	-	20
Chromium, Dissolved	0.0013	0.2	0.2109	105	-	-	75-125	-	20
Cobalt, Dissolved	0.0012	0.5	0.5108	102	-	-	75-125	-	20
Copper, Dissolved	0.00125	0.25	0.2422	96	-	-	75-125	-	20
Iron, Dissolved	8.11	1	8.96	85	-	-	75-125	-	20
Lead, Dissolved	0.00040J	0.51	0.5427	106	-	-	75-125	-	20
Magnesium, Dissolved	1.34	10	12.1	108	-	-	75-125	-	20
Manganese, Dissolved	0.3397	0.5	0.8591	104	-	-	75-125	-	20
Nickel, Dissolved	0.0021	0.5	0.5280	105	-	-	75-125	-	20
Potassium, Dissolved	1.36	10	12.2	108	-	-	75-125	-	20
Selenium, Dissolved	ND	0.12	0.134	112	-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.04938	99	-	-	75-125	-	20
Sodium, Dissolved	23.5	10	32.7	92	-	-	75-125	-	20
Thallium, Dissolved	0.0002J	0.12	0.1254	104	-	-	75-125	-	20
Vanadium, Dissolved	ND	0.5	0.5422	108	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1328057-3 QC Sample: L2000596-09 Client ID: MS Sample									
Zinc, Dissolved	0.0258	0.5	0.5608	107	-	-	75-125	-	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1328088-3 QC Sample: L2000635-01 Client ID: TW-4									
Mercury, Dissolved	ND	0.005	0.00421	84	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1327971-4 QC Sample: L2000588-02 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1328026-4 QC Sample: L2000543-01 Client ID: DUP Sample						
Arsenic, Total	0.03278	0.03124	mg/l	5		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1328057-4 QC Sample: L2000596-10 Client ID: DUP Sample						
Cadmium, Dissolved	ND	ND	mg/l	NC		20
Copper, Dissolved	0.00224	0.00217	mg/l	3		20
Lead, Dissolved	0.00042J	0.00043J	mg/l	NC		20
Silver, Dissolved	ND	ND	mg/l	NC		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1328088-4 QC Sample: L2000635-01 Client ID: TW-4						
Mercury, Dissolved	ND	ND	mg/l	NC		20

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
Report Date: 01/14/20

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2000635-01A	Vial HCl preserved	B	NA		2.9	Y	Absent		NYTCL-8260(14)
L2000635-01B	Vial HCl preserved	B	NA		2.9	Y	Absent		NYTCL-8260(14)
L2000635-01C	Vial HCl preserved	B	NA		2.9	Y	Absent		NYTCL-8260(14)
L2000635-01D	Amber 120ml unpreserved	B	7	7	2.9	Y	Absent		NYTCL-8081(7)
L2000635-01E	Amber 120ml unpreserved	B	7	7	2.9	Y	Absent		NYTCL-8081(7)
L2000635-01F	Amber 120ml unpreserved	B	7	7	2.9	Y	Absent		NYTCL-8082-LVI(7)
L2000635-01G	Amber 120ml unpreserved	B	7	7	2.9	Y	Absent		NYTCL-8082-LVI(7)
L2000635-01H	Plastic 250ml HNO3 preserved	B	<2	<2	2.9	Y	Absent		K-6020S(180),SE-6020S(180),V-6020S(180),CU-6020S(180),MN-6020S(180),CO-6020S(180),MG-6020S(180),BE-6020S(180),ZN-6020S(180),FE-6020S(180),CR-6020S(180),CA-6020S(180),PB-6020S(180),NA-6020S(180),BA-6020S(180),NI-6020S(180),TL-6020S(180),AG-6020S(180),SB-6020S(180),AS-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2000635-01I	Plastic 250ml HNO3 preserved	B	<2	<2	2.9	Y	Absent		FE-6020T(180),BA-6020T(180),SE-6020T(180),TL-6020T(180),CA-6020T(180),NI-6020T(180),K-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AG-6020T(180),MG-6020T(180),HG-T(28),AL-6020T(180),CD-6020T(180),CO-6020T(180)
L2000635-01J	Amber 250ml unpreserved	B	7	7	2.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2000635-01K	Amber 250ml unpreserved	B	7	7	2.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2000635-02A	Vial HCl preserved	B	NA		2.9	Y	Absent		NYTCL-8260(14)
L2000635-02B	Vial HCl preserved	B	NA		2.9	Y	Absent		NYTCL-8260(14)
L2000635-02C	Vial HCl preserved	B	NA		2.9	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2000635
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2000635-02D	Amber 120ml unpreserved	B	7	7	2.9	Y	Absent		NYTCL-8081(7)
L2000635-02E	Amber 120ml unpreserved	B	7	7	2.9	Y	Absent		NYTCL-8081(7)
L2000635-02F	Amber 120ml unpreserved	B	7	7	2.9	Y	Absent		NYTCL-8082-LVI(7)
L2000635-02G	Amber 120ml unpreserved	B	7	7	2.9	Y	Absent		NYTCL-8082-LVI(7)
L2000635-02H	Plastic 250ml HNO3 preserved	B	<2	<2	2.9	Y	Absent		CU-6020S(180),SE-6020S(180),V-6020S(180),K-6020S(180),MN-6020S(180),ZN-6020S(180),CO-6020S(180),MG-6020S(180),BE-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),NA-6020S(180),BA-6020S(180),NI-6020S(180),TL-6020S(180),PB-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),CD-6020S(180),AL-6020S(180),HG-S(28)
L2000635-02I	Plastic 250ml HNO3 preserved	B	<2	<2	2.9	Y	Absent		SE-6020T(180),BA-6020T(180),TL-6020T(180),FE-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2000635-02J	Amber 250ml unpreserved	B	7	7	2.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2000635-02K	Amber 250ml unpreserved	B	7	7	2.9	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name:	205 PARK AVE.	**Lab Number:**	L2000635
Project Number:	12.0076834.10	**Report Date:**	01/14/20

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name:	205 PARK AVE.	**Lab Number:**	L2000635
Project Number:	12.0076834.10	**Report Date:**	01/14/20

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

Terms

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

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

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

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

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

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

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

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

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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

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

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration

Report Format: DU Report with 'J' Qualifiers

Project Name:	205 PARK AVE.	**Lab Number:**	L2000635
Project Number:	12.0076834.10	**Report Date:**	01/14/20

Data Qualifiers

Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	205 PARK AVE.	**Lab Number:**	L2000635
Project Number:	12.0076834.10	**Report Date:**	01/14/20

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

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

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

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

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 1/7/20

ALPHA Job #: L2000635

Client Information
Client: GZA
Address: 55 Lane Rd, Fairfield, NJ 07004
Phone: 973-974-3300
Fax:
Email: Zhan.Shu@gza.com

Project Information
Project Name: 205 Park Ave
Project Location: Brooklyn, NY
Project #: 12.0076834.90
(Use Project name as Project #) ☐
Project Manager: Zhan Shu
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☒ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☐ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

X = Run

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL Volatiles - EPA 624.1	NYTCL Semivolatiles - EPA 8270D(LVI)	TCL Pesticides - EPA 8081B	TCL PCBs - EPA 8082A (LVI)	Total Target Analyte List Metals - 6020 (Hg-7470)	Dissolved Target Analyte List Metals - 6020 (Hg-7470)			Sample Specific Comments	Total Bottle
00635-01	TW-4	1-7-20	1440	GW	NA	X	X	X	X	X	X				
-02	TW-5	1-7-20	1415	GW	NA	X	X	X	X	X	X				

Container Type
Preservative

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	1-7-20/1517	AA2	1-7-20-1517
	1-7-20-1730	AAL	1/8/20 19:15
AAL	1/8/20 23:45		1/7/20 23:45

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2000840
Client:	GZA GeoEnvironmental, Inc. 55 Lane Road Suite 407 Fairfield, NJ 07004
ATTN:	Zhan Shu
Phone:	(201) 744-0118
Project Name:	205 PARK AVE
Project Number:	12.0076834.10
Report Date:	01/14/20

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Six Park Row, Mansfield, MA 02048
508-261-7467 (Fax) -- -- - emccarter@mansfieldma.com

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000840
Report Date: 01/14/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2000840-01	SG-2 (5-6')	SOIL_VAPOR	BROOKLYN, NY	01/08/20 10:54	01/08/20
L2000840-02	SG-3 (20-21')	SOIL_VAPOR	BROOKLYN, NY	01/08/20 14:22	01/08/20
L2000840-03	SG-5 (20-21')	SOIL_VAPOR	BROOKLYN, NY	01/08/20 13:10	01/08/20
L2000840-04	SG-6 (20-21')	SOIL_VAPOR	BROOKLYN, NY	01/08/20 12:27	01/08/20
L2000840-05	SG-7 (20-21')	SOIL_VAPOR	BROOKLYN, NY	01/08/20 12:01	01/08/20
L2000840-06	SG-8 (5-6')	SOIL_VAPOR	BROOKLYN, NY	01/08/20 11:44	01/08/20

Project Name:	205 PARK AVE	**Lab Number:**	L2000840
Project Number:	12.0076834.10	**Report Date:**	01/14/20

Case Narrative

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

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

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

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

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

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

Project Name:	205 PARK AVE	**Lab Number:**	L2000840
Project Number:	12.0076834.10	**Report Date:**	01/14/20

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on January 3, 2020. The canister certification results are provided as an addendum.

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

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 01/14/20

AIR

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000840
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000840-01
Client ID: SG-2 (5-6')
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 10:54
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 01/14/20 00:50
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.333	0.200	--	1.65	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	26.1	1.00	--	62.0	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	1.25	0.500	--	3.07	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	0.518	0.500	--	1.80	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.06	0.500	--	3.13	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000840
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000840-01
Client ID: SG-2 (5-6')
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 10:54
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	1.48	0.500	--	4.36	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.453	0.200	--	1.60	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.348	0.200	--	1.11	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.264	0.200	--	1.08	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	2.12	0.200	--	7.99	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	3.70	0.200	--	25.1	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.424	0.200	--	1.84	0.869	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000840
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000840-01
Client ID: SG-2 (5-6')
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 10:54
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.71	0.400	--	7.43	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.556	0.200	--	2.42	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.917	0.200	--	4.51	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	100		60-140
Bromochloromethane	101		60-140
chlorobenzene-d5	106		60-140

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000840
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000840-02
Client ID: SG-3 (20-21')
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 14:22
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 01/14/20 01:30
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.431	0.200	--	2.13	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	2.60	0.200	--	5.75	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	32.3	1.00	--	76.7	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	0.869	0.500	--	2.14	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	3.30	0.200	--	10.3	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.56	0.500	--	4.60	1.47	--		1
cis-1,2-Dichloroethene	0.454	0.200	--	1.80	0.793	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000840
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000840-02
Client ID: SG-3 (20-21')
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 14:22
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	12.0	0.200	--	58.6	0.977	--		1
Tetrahydrofuran	2.03	0.500	--	5.99	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.83	0.200	--	6.45	0.705	--		1
1,1,1-Trichloroethane	0.574	0.200	--	3.13	1.09	--		1
Benzene	1.88	0.200	--	6.01	0.639	--		1
Carbon tetrachloride	0.407	0.200	--	2.56	1.26	--		1
Cyclohexane	0.413	0.200	--	1.42	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	4.43	0.200	--	23.8	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.923	0.200	--	3.78	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	4.21	0.200	--	15.9	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	26.9	0.200	--	182	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.749	0.200	--	3.25	0.869	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000840
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000840-02
Client ID: SG-3 (20-21')
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 14:22
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	2.63	0.400	--	11.4	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.807	0.200	--	3.51	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.814	0.200	--	4.00	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	103		60-140
Bromochloromethane	103		60-140
chlorobenzene-d5	107		60-140

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000840
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000840-03
Client ID: SG-5 (20-21')
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 13:10
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 01/14/20 02:10
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.529	0.200	--	2.62	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	5.91	0.200	--	13.1	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	5.56	5.00	--	10.5	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	25.2	1.00	--	59.9	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	1.47	0.500	--	3.61	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	0.784	0.500	--	2.38	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	9.94	0.200	--	31.0	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	2.97	0.500	--	8.76	1.47	--		1
cis-1,2-Dichloroethene	0.618	0.200	--	2.45	0.793	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000840
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000840-03
Client ID: SG-5 (20-21')
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 13:10
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	11.2	0.200	--	54.7	0.977	--		1
Tetrahydrofuran	1.84	0.500	--	5.43	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	2.59	0.200	--	9.13	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	4.56	0.200	--	14.6	0.639	--		1
Carbon tetrachloride	0.227	0.200	--	1.43	1.26	--		1
Cyclohexane	1.59	0.200	--	5.47	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	3.41	0.200	--	18.3	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	1.58	0.200	--	6.48	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.510	0.500	--	2.09	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	3.90	0.200	--	14.7	0.754	--		1
2-Hexanone	0.257	0.200	--	1.05	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	25.7	0.200	--	174	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.592	0.200	--	2.57	0.869	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000840
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000840-03
Client ID: SG-5 (20-21')
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 13:10
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	2.03	0.400	--	8.82	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.617	0.200	--	2.68	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.792	0.200	--	3.89	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	105		60-140
Bromochloromethane	105		60-140
chlorobenzene-d5	110		60-140

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000840
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000840-04
Client ID: SG-6 (20-21')
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 12:27
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 01/14/20 02:49
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.509	0.200	--	2.52	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.507	0.200	--	1.12	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	11.1	5.00	--	20.9	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	57.9	1.00	--	138	2.38	--		1
Trichlorofluoromethane	0.252	0.200	--	1.42	1.12	--		1
Isopropanol	1.86	0.500	--	4.57	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	1.52	0.500	--	4.61	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.583	0.200	--	1.82	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	2.02	0.500	--	5.96	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000840
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000840-04
Client ID: SG-6 (20-21')
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 12:27
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	2.36	0.200	--	11.5	0.977	--		1
Tetrahydrofuran	2.14	0.500	--	6.31	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.15	0.200	--	4.05	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.758	0.200	--	2.42	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.242	0.200	--	0.833	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	1.60	0.200	--	8.60	1.07	--		1
2,2,4-Trimethylpentane	0.252	0.200	--	1.18	0.934	--		1
Heptane	0.606	0.200	--	2.48	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	3.03	0.200	--	11.4	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	13.1	0.200	--	88.8	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.419	0.200	--	1.82	0.869	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000840
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000840-04
Client ID: SG-6 (20-21')
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 12:27
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.44	0.400	--	6.25	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.476	0.200	--	2.07	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.937	0.200	--	4.61	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	0.288	0.200	--	1.73	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	102		60-140
Bromochloromethane	103		60-140
chlorobenzene-d5	108		60-140

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000840
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000840-05
Client ID: SG-7 (20-21')
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 12:01
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 01/14/20 03:29
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.391	0.200	--	1.93	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.475	0.200	--	1.05	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	44.4	1.00	--	105	2.38	--		1
Trichlorofluoromethane	0.214	0.200	--	1.20	1.12	--		1
Isopropanol	1.32	0.500	--	3.24	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.586	0.200	--	1.82	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	2.18	0.500	--	6.43	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000840
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000840-05
Client ID: SG-7 (20-21')
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 12:01
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	27.2	0.200	--	133	0.977	--		1
Tetrahydrofuran	1.77	0.500	--	5.22	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.988	0.200	--	3.48	0.705	--		1
1,1,1-Trichloroethane	0.252	0.200	--	1.37	1.09	--		1
Benzene	0.807	0.200	--	2.58	0.639	--		1
Carbon tetrachloride	0.329	0.200	--	2.07	1.26	--		1
Cyclohexane	0.321	0.200	--	1.10	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	0.217	0.200	--	1.45	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	2.35	0.200	--	12.6	1.07	--		1
2,2,4-Trimethylpentane	0.218	0.200	--	1.02	0.934	--		1
Heptane	0.660	0.200	--	2.70	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	4.09	0.200	--	15.4	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	19.8	0.200	--	134	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.840	0.200	--	3.65	0.869	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000840
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000840-05
Client ID: SG-7 (20-21')
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 12:01
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	2.68	0.400	--	11.6	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.853	0.200	--	3.71	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.922	0.200	--	4.53	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	111		60-140
Bromochloromethane	113		60-140
chlorobenzene-d5	116		60-140

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000840
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000840-06
Client ID: SG-8 (5-6')
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 11:44
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 01/14/20 04:09
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.384	0.200	--	1.90	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	1.16	0.200	--	2.57	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	45.9	1.00	--	109	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	1.51	0.500	--	3.71	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	0.557	0.500	--	1.69	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.958	0.200	--	2.98	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.98	0.500	--	5.84	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000840
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000840-06
Client ID: SG-8 (5-6')
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 11:44
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	4.05	0.200	--	19.8	0.977	--		1
Tetrahydrofuran	1.98	0.500	--	5.84	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.34	0.200	--	4.72	0.705	--		1
1,1,1-Trichloroethane	0.455	0.200	--	2.48	1.09	--		1
Benzene	0.931	0.200	--	2.97	0.639	--		1
Carbon tetrachloride	0.554	0.200	--	3.48	1.26	--		1
Cyclohexane	0.213	0.200	--	0.733	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	0.265	0.200	--	1.42	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.697	0.200	--	2.86	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	2.92	0.200	--	11.0	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	8.17	0.200	--	55.4	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.562	0.200	--	2.44	0.869	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000840
Report Date: 01/14/20

SAMPLE RESULTS

Lab ID: L2000840-06
Client ID: SG-8 (5-6')
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 11:44
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	2.05	0.400	--	8.90	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.664	0.200	--	2.88	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	0.201	0.200	--	0.988	0.983	--		1
1,2,4-Trimethylbenzene	0.932	0.200	--	4.58	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	106		60-140
Bromochloromethane	108		60-140
chlorobenzene-d5	112		60-140

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000840
Report Date: 01/14/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/13/20 15:08

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-06 Batch: WG1329615-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000840
Report Date: 01/14/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/13/20 15:08

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-06 Batch: WG1329615-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000840
Report Date: 01/14/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/13/20 15:08

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-06 Batch: WG1329615-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000840

Report Date: 01/14/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-06 Batch: WG1329615-3								
Dichlorodifluoromethane	72		-		70-130	-		
Chloromethane	78		-		70-130	-		
Freon-114	90		-		70-130	-		
Vinyl chloride	89		-		70-130	-		
1,3-Butadiene	95		-		70-130	-		
Bromomethane	84		-		70-130	-		
Chloroethane	85		-		70-130	-		
Ethanol	77		-		40-160	-		
Vinyl bromide	80		-		70-130	-		
Acetone	64		-		40-160	-		
Trichlorofluoromethane	84		-		70-130	-		
Isopropanol	68		-		40-160	-		
1,1-Dichloroethene	87		-		70-130	-		
Tertiary butyl Alcohol	76		-		70-130	-		
Methylene chloride	103		-		70-130	-		
3-Chloropropene	81		-		70-130	-		
Carbon disulfide	92		-		70-130	-		
Freon-113	91		-		70-130	-		
trans-1,2-Dichloroethene	85		-		70-130	-		
1,1-Dichloroethane	86		-		70-130	-		
Methyl tert butyl ether	88		-		70-130	-		
2-Butanone	80		-		70-130	-		
cis-1,2-Dichloroethene	88		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000840
Report Date: 01/14/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-06 Batch: WG1329615-3								
Ethyl Acetate	96		-		70-130	-		
Chloroform	89		-		70-130	-		
Tetrahydrofuran	77		-		70-130	-		
1,2-Dichloroethane	73		-		70-130	-		
n-Hexane	110		-		70-130	-		
1,1,1-Trichloroethane	88		-		70-130	-		
Benzene	109		-		70-130	-		
Carbon tetrachloride	92		-		70-130	-		
Cyclohexane	115		-		70-130	-		
1,2-Dichloropropane	105		-		70-130	-		
Bromodichloromethane	102		-		70-130	-		
1,4-Dioxane	102		-		70-130	-		
Trichloroethene	101		-		70-130	-		
2,2,4-Trimethylpentane	115		-		70-130	-		
Heptane	96		-		70-130	-		
cis-1,3-Dichloropropene	115		-		70-130	-		
4-Methyl-2-pentanone	98		-		70-130	-		
trans-1,3-Dichloropropene	93		-		70-130	-		
1,1,2-Trichloroethane	108		-		70-130	-		
Toluene	100		-		70-130	-		
2-Hexanone	92		-		70-130	-		
Dibromochloromethane	98		-		70-130	-		
1,2-Dibromoethane	102		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000840

Report Date: 01/14/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-06 Batch: WG1329615-3								
Tetrachloroethene	98		-		70-130	-		
Chlorobenzene	102		-		70-130	-		
Ethylbenzene	99		-		70-130	-		
p/m-Xylene	96		-		70-130	-		
Bromoform	98		-		70-130	-		
Styrene	102		-		70-130	-		
1,1,2,2-Tetrachloroethane	109		-		70-130	-		
o-Xylene	96		-		70-130	-		
4-Ethyltoluene	100		-		70-130	-		
1,3,5-Trimethylbenzene	98		-		70-130	-		
1,2,4-Trimethylbenzene	98		-		70-130	-		
Benzyl chloride	94		-		70-130	-		
1,3-Dichlorobenzene	102		-		70-130	-		
1,4-Dichlorobenzene	100		-		70-130	-		
1,2-Dichlorobenzene	102		-		70-130	-		
1,2,4-Trichlorobenzene	105		-		70-130	-		
Hexachlorobutadiene	91		-		70-130	-		

Project Name: 205 PARK AVE

Lab Number: L2000840

Project Number: 12.0076834.10

Report Date: 01/14/20

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2000840-01	SG-2 (5-6')	0735	Flow 2	01/03/20	310722		-	-	-	Pass	40.0	44.5	11
L2000840-01	SG-2 (5-6')	3125	6.0L Can	01/03/20	310722	L1961875-02	Pass	-29.2	-3.4	-	-	-	-
L2000840-02	SG-3 (20-21')	01171	Flow 4	01/03/20	310722		-	-	-	Pass	40.0	43.8	9
L2000840-02	SG-3 (20-21')	1904	6.0L Can	01/03/20	310722	L1961875-03	Pass	-29.2	-1.5	-	-	-	-
L2000840-03	SG-5 (20-21')	01081	Flow 2	01/03/20	310722		-	-	-	Pass	40.0	52.2	26
L2000840-03	SG-5 (20-21')	3392	6.0l Can	01/03/20	310722	L1961875-03	Pass	-29.1	-3.3	-	-	-	-
L2000840-04	SG-6 (20-21')	01502	Flow 2	01/03/20	310722		-	-	-	Pass	40.0	47.3	17
L2000840-04	SG-6 (20-21')	920	6.0L Can	01/03/20	310722	L1961875-03	Pass	-29.1	-3.4	-	-	-	-
L2000840-05	SG-7 (20-21')	01497	Flow 2	01/03/20	310722		-	-	-	Pass	40.0	44.9	12
L2000840-05	SG-7 (20-21')	1522	6.0L Can	01/03/20	310722	L1961875-03	Pass	-29.2	-3.5	-	-	-	-
L2000840-06	SG-8 (5-6')	0646	Flow 2	01/03/20	310722		-	-	-	Pass	40.0	42.1	5
L2000840-06	SG-8 (5-6')	2625	6.0L Can	01/03/20	310722	L1961875-03	Pass	-29.1	-2.9	-	-	-	-

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

Lab Number: L1961875
Report Date: 01/14/20

Air Canister Certification Results

Lab ID: L1961875-02
Client ID: CAN 2641 SHELF 57
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 12/30/19 20:35
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

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

Lab Number: L1961875
Report Date: 01/14/20

Air Canister Certification Results

Lab ID: L1961875-02
Client ID: CAN 2641 SHELF 57
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1961875
Report Date: 01/14/20

Air Canister Certification Results

Lab ID: L1961875-02
Client ID: CAN 2641 SHELF 57
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1961875
Report Date: 01/14/20

Air Canister Certification Results

Lab ID: L1961875-02
Client ID: CAN 2641 SHELF 57
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1961875
Report Date: 01/14/20

Air Canister Certification Results

Lab ID: L1961875-02
Client ID: CAN 2641 SHELF 57
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:

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

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	91		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1961875
Report Date: 01/14/20

Air Canister Certification Results

Lab ID: L1961875-02
Client ID: CAN 2641 SHELF 57
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 12/30/19 20:35
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1961875

Project Number: CANISTER QC BAT **Report Date:** 01/14/20

Air Canister Certification Results

Lab ID: L1961875-02
Client ID: CAN 2641 SHELF 57
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1961875
Report Date: 01/14/20

Air Canister Certification Results

Lab ID: L1961875-02
Client ID: CAN 2641 SHELF 57
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	93		60-140

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

Lab Number: L1961875
Report Date: 01/14/20

Air Canister Certification Results

Lab ID: L1961875-03
Client ID: CAN 2483 SHELF 58
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 12/30/19 21:15
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1961875
Report Date: 01/14/20

Air Canister Certification Results

Lab ID: L1961875-03
Client ID: CAN 2483 SHELF 58
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1961875

Project Number: CANISTER QC BAT **Report Date:** 01/14/20

Air Canister Certification Results

Lab ID: L1961875-03
Client ID: CAN 2483 SHELF 58
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:

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

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

Lab Number: L1961875
Report Date: 01/14/20

Air Canister Certification Results

Lab ID: L1961875-03
Client ID: CAN 2483 SHELF 58
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1961875
Report Date: 01/14/20

Air Canister Certification Results

Lab ID: L1961875-03
Client ID: CAN 2483 SHELF 58
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:

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

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	91		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1961875
Report Date: 01/14/20

Air Canister Certification Results

Lab ID: L1961875-03
Client ID: CAN 2483 SHELF 58
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 12/30/19 21:15
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1961875

Project Number: CANISTER QC BAT **Report Date:** 01/14/20

Air Canister Certification Results

Lab ID: L1961875-03
Client ID: CAN 2483 SHELF 58
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1961875
Report Date: 01/14/20

Air Canister Certification Results

Lab ID: L1961875-03
Client ID: CAN 2483 SHELF 58
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	92		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	92		60-140

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000840
Report Date: 01/14/20

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2000840-01A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2000840-02A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2000840-03A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2000840-04A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2000840-05A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2000840-06A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	205 PARK AVE	**Lab Number:**	L2000840
Project Number:	12.0076834.10	**Report Date:**	01/14/20

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: Data Usability Report

Project Name:	205 PARK AVE	**Lab Number:**	L2000840
Project Number:	12.0076834.10	**Report Date:**	01/14/20

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

Terms

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

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

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

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

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

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

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Report Format: Data Usability Report

Project Name:	205 PARK AVE	**Lab Number:**	L2000840
Project Number:	12.0076834.10	**Report Date:**	01/14/20

Data Qualifiers

than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: Data Usability Report

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

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

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

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

AIR ANALYSIS

PAGE 1 OF 1

ALPHA ANALYTICAL — CHAIN OF CUSTODY

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

Date Rec'd in Lab: 1/9/20

ALPHA Job #: L20 00840

Client Information

Client: GZA
Address: 55 Lane Rd, Fairfield, NJ 07004
Phone: 973-774-3300
Fax:
Email: Zhan.Shu@gza.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 205 Park Ave
Project Location: Brooklyn, NY
Project #: 12.0076834.10
Project Manager: Zhan Shu
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due: Time:

Report Information - Data Deliverables

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

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

ANALYSIS

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH Subset Non-petroleum HCs	Fixed Gases	Sulfides & Mercaptans by TO-15	☐	Sample Comments (i.e. PID)
00840-01	SG-2(5-6')	1-8-20	0858	1054	-30.38	-4.03	SV	PB	6L	3125	0735	X						
-02	SG-3(20-21')	1-8-20	1213	1422	-30.51	-2.85	SV	PB	6L	1904	01171	X						
-03	SG-5(20-21')	1-8-20	1129	1310	~~-30.47~~	-4.32				~~3390~~	01081	X						
-04	SG-6(20-21')		1035	1237	-30.25	-4.30				920	01502	X						
-05	SG-7(20-21')		1004	1201	-29.80	-4.40				1522	01497	X						
-06	SG-8(5-6')		0935	1144	-29.94	-3.98				2625	01646	X						

*SAMPLE MATRIX CODES

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

Container Type: Summa 6L

Relinquished By:	Date/Time	Received By:	Date/Time:
[signature]	1-8-20 15:45	[signature] (AAL)	1/8/20 15:45
[signature] (AAL)	1/8/20 18:05	[signature]	1/9/20 0200

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

Form No: 101-02 Rev: (25-Sep-15)

ANALYTICAL REPORT

Lab Number:	L2000844
Client:	GZA GeoEnvironmental, Inc. 55 Lane Road Suite 407 Fairfield, NJ 07004
ATTN:	Zhan Shu
Phone:	(201) 744-0118
Project Name:	205 PARK AVE
Project Number:	12.0076834.10
Report Date:	01/20/20

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2000844-01	TW-1	WATER	BROOKLYN, NY	01/08/20 14:55	01/08/20
L2000844-02	TW-2	WATER	BROOKLYN, NY	01/08/20 14:45	01/08/20
L2000844-03	TW-3	WATER	BROOKLYN, NY	01/08/20 13:35	01/08/20
L2000844-04	DUP1GW (1-8-20)	WATER	BROOKLYN, NY	01/08/20 14:00	01/08/20
L2000844-05	DUP2GW (1-8-20)	WATER	BROOKLYN, NY	01/08/20 14:50	01/08/20
L2000844-06	FIELD BLANK	WATER	BROOKLYN, NY	01/08/20 15:20	01/08/20
L2000844-07	TRIP BLANK	WATER	BROOKLYN, NY	01/08/20 00:00	01/08/20

Project Name:	205 PARK AVE	**Lab Number:**	L2000844
Project Number:	12.0076834.10	**Report Date:**	01/20/20

Case Narrative

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

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

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

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

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

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

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

Case Narrative (continued)

Report Submission

January 20, 2020: This final report includes the results of all requested analyses.

January 16, 2020: This is a preliminary report includes the results of the Volatile Organics analysis performed on L2000844-07.

January 15, 2020: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Sample Receipt

L2000844-01: The collection date and time on the chain of custody was 08-JAN-20 14:55; however, the collection date and time on the container label was 08-JAN-20 14:45. At the client's request, the collection date and time is reported as 08-JAN-20 14:55.

L2000844-04: The sample was received above the appropriate pH for the Dissolved Metals analysis. The laboratory added additional HNO3 to a pH <2.

L2000844-07: A sample identified as "TRIP BLANK" was received, but not listed on the Chain of Custody. At the client's request, this sample was analyzed.

Semivolatile Organics

The WG1328309-2/-3 LCS/LCSD recoveries, associated with L2000844-01, -02, -03, -04, and -06, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.

Total Metals

L2000844-06: The Field Blank has results for aluminum, barium, calcium, copper, lead, manganese and sodium present above the reporting limits. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

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

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 01/20/20

ORGANICS

VOLATILES

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-01
Client ID: TW-1
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 14:55
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 01/10/20 09:55
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	2.3	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	18		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-01
Client ID: TW-1
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 14:55
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.86		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-01
Client ID: TW-1
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 14:55
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	90		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	95		70-130

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-02
Client ID: TW-2
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 14:45
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 01/10/20 10:18
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	2.2	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	10		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-02
Client ID: TW-2
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 14:45
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.57		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.2	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-02
Client ID: TW-2
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 14:45
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	95		70-130

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-03
Client ID: TW-3
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 13:35
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 01/10/20 10:41
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	3.2		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	20		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-03
Client ID: TW-3
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 13:35
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.98		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-03
Client ID: TW-3
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 13:35
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	94		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	96		70-130

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-04
Client ID: DUP1GW (1-8-20)
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 14:00
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 01/10/20 11:04
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	3.1		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	21		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-04
Client ID: DUP1GW (1-8-20)
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 14:00
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	1.0		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-04
Client ID: DUP1GW (1-8-20)
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 14:00
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	96		70-130

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-06
Client ID: FIELD BLANK
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 15:20
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 01/10/20 11:27
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-06
Client ID: FIELD BLANK
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 15:20
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-06
Client ID: FIELD BLANK
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 15:20
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	92		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	93		70-130

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-07
Client ID: TRIP BLANK
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 00:00
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 01/14/20 20:15
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-07
Client ID: TRIP BLANK
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 00:00
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-07
Client ID: TRIP BLANK
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 00:00
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	105		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	113		70-130

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/10/20 08:23
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06 Batch: WG1328865-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/10/20 08:23
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06 Batch: WG1328865-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/10/20 08:23
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06 Batch: WG1328865-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	93		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	93		70-130

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/14/20 18:25
Analyst: JAL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1330410-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/14/20 18:25
Analyst: JAL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1330410-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/14/20 18:25
Analyst: JAL

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 07 Batch: WG1330410-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	108		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000844

Report Date: 01/20/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06 Batch: WG1328865-3 WG1328865-4								
Methylene chloride	90		90		70-130	0		20
1,1-Dichloroethane	91		90		70-130	1		20
Chloroform	90		90		70-130	0		20
Carbon tetrachloride	87		85		63-132	2		20
1,2-Dichloropropane	90		90		70-130	0		20
Dibromochloromethane	82		83		63-130	1		20
1,1,2-Trichloroethane	97		98		70-130	1		20
Tetrachloroethene	97		97		70-130	0		20
Chlorobenzene	95		95		75-130	0		20
Trichlorofluoromethane	96		92		62-150	4		20
1,2-Dichloroethane	85		85		70-130	0		20
1,1,1-Trichloroethane	92		91		67-130	1		20
Bromodichloromethane	79		79		67-130	0		20
trans-1,3-Dichloropropene	82		82		70-130	0		20
cis-1,3-Dichloropropene	81		81		70-130	0		20
1,1-Dichloropropene	92		91		70-130	1		20
Bromoform	84		83		54-136	1		20
1,1,2,2-Tetrachloroethane	100		98		67-130	2		20
Benzene	94		95		70-130	1		20
Toluene	96		96		70-130	0		20
Ethylbenzene	97		97		70-130	0		20
Chloromethane	81		80		64-130	1		20
Bromomethane	91		90		39-139	1		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000844

Report Date: 01/20/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06 Batch: WG1328865-3 WG1328865-4								
Vinyl chloride	82		82		55-140	0		20
Chloroethane	79		80		55-138	1		20
1,1-Dichloroethene	95		95		61-145	0		20
trans-1,2-Dichloroethene	94		94		70-130	0		20
Trichloroethene	90		88		70-130	2		20
1,2-Dichlorobenzene	97		95		70-130	2		20
1,3-Dichlorobenzene	96		95		70-130	1		20
1,4-Dichlorobenzene	96		94		70-130	2		20
Methyl tert butyl ether	85		86		63-130	1		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	93		91		70-130	2		20
Dibromomethane	90		88		70-130	2		20
1,2,3-Trichloropropane	98		96		64-130	2		20
Acrylonitrile	85		86		70-130	1		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	71		70		36-147	1		20
Acetone	79		82		58-148	4		20
Carbon disulfide	82		81		51-130	1		20
2-Butanone	80		81		63-138	1		20
Vinyl acetate	81		82		70-130	1		20
4-Methyl-2-pentanone	76		84		59-130	10		20
2-Hexanone	72		74		57-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000844

Report Date: 01/20/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06 Batch: WG1328865-3 WG1328865-4								
Bromochloromethane	97		95		70-130	2		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	93		95		70-130	2		20
1,3-Dichloropropane	93		93		70-130	0		20
1,1,1,2-Tetrachloroethane	93		94		64-130	1		20
Bromobenzene	95		94		70-130	1		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	100		99		70-130	1		20
tert-Butylbenzene	100		97		70-130	3		20
o-Chlorotoluene	98		96		70-130	2		20
p-Chlorotoluene	100		97		70-130	3		20
1,2-Dibromo-3-chloropropane	80		84		41-144	5		20
Hexachlorobutadiene	94		96		63-130	2		20
Isopropylbenzene	100		99		70-130	1		20
p-Isopropyltoluene	100		99		70-130	1		20
Naphthalene	93		97		70-130	4		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	94		96		70-130	2		20
1,2,4-Trichlorobenzene	93		94		70-130	1		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		98		70-130	2		20
1,4-Dioxane	82		88		56-162	7		20
p-Diethylbenzene	99		98		70-130	1		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06 Batch: WG1328865-3 WG1328865-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	96		95		70-130	1		20
Ethyl ether	78		79		59-134	1		20
trans-1,4-Dichloro-2-butene	82		83		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	97		98		70-130
Toluene-d8	102		103		70-130
4-Bromofluorobenzene	95		94		70-130
Dibromofluoromethane	100		99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1330410-3 WG1330410-4								
Methylene chloride	120		110		70-130	9		20
1,1-Dichloroethane	110		120		70-130	9		20
Chloroform	110		100		70-130	10		20
Carbon tetrachloride	100		97		63-132	3		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	98		98		63-130	0		20
1,1,2-Trichloroethane	100		110		70-130	10		20
Tetrachloroethene	97		98		70-130	1		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	100		98		67-130	2		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	93		94		70-130	1		20
cis-1,3-Dichloropropene	93		93		70-130	0		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	84		90		54-136	7		20
1,1,2,2-Tetrachloroethane	96		100		67-130	4		20
Benzene	110		110		70-130	0		20
Toluene	110		100		70-130	10		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	130		120		64-130	8		20
Bromomethane	**140**	Q	130		39-139	7		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1330410-3 WG1330410-4								
Vinyl chloride	140		130		55-140	7		20
Chloroethane	120		120		55-138	0		20
1,1-Dichloroethene	120		120		61-145	0		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	110		110		70-130	0		20
1,2-Dichlorobenzene	100		100		70-130	0		20
1,3-Dichlorobenzene	100		100		70-130	0		20
1,4-Dichlorobenzene	100		100		70-130	0		20
Methyl tert butyl ether	84		86		63-130	2		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	105		100		70-130	5		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Dibromomethane	97		98		70-130	1		20
1,2,3-Trichloropropane	98		100		64-130	2		20
Acrylonitrile	93		100		70-130	7		20
Styrene	105		100		70-130	5		20
Dichlorodifluoromethane	78		76		36-147	3		20
Acetone	88		86		58-148	2		20
Carbon disulfide	120		120		51-130	0		20
2-Butanone	87		93		63-138	7		20
Vinyl acetate	110		120		70-130	9		20
4-Methyl-2-pentanone	80		84		59-130	5		20
2-Hexanone	76		79		57-130	4		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000844

Report Date: 01/20/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1330410-3 WG1330410-4								
Bromochloromethane	100		100		70-130	0		20
2,2-Dichloropropane	98		94		63-133	4		20
1,2-Dibromoethane	98		100		70-130	2		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	98		98		70-130	0		20
n-Butylbenzene	110		110		53-136	0		20
sec-Butylbenzene	110		110		70-130	0		20
tert-Butylbenzene	84		86		70-130	2		20
o-Chlorotoluene	100		110		70-130	10		20
p-Chlorotoluene	100		120		70-130	18		20
1,2-Dibromo-3-chloropropane	81		92		41-144	13		20
Hexachlorobutadiene	95		99		63-130	4		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	76		81		70-130	6		20
n-Propylbenzene	110		110		69-130	0		20
1,2,3-Trichlorobenzene	86		87		70-130	1		20
1,2,4-Trichlorobenzene	89		90		70-130	1		20
1,3,5-Trimethylbenzene	100		100		64-130	0		20
1,2,4-Trimethylbenzene	100		100		70-130	0		20
1,4-Dioxane	76		78		56-162	3		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 07 Batch: WG1330410-3 WG1330410-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	89		90		70-130	1		20
Ethyl ether	100		100		59-134	0		20
trans-1,4-Dichloro-2-butene	100		110		70-130	10		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	112		102		70-130
Toluene-d8	103		104		70-130
4-Bromofluorobenzene	99		98		70-130
Dibromofluoromethane	110		107		70-130

SEMIVOLATILES

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-01
Client ID: TW-1
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 14:55
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 01/10/20 11:59
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 01/09/20 15:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	1.8	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-01
Client ID: TW-1
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 14:55
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	38		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	49		23-120
2-Fluorobiphenyl	51		15-120
2,4,6-Tribromophenol	51		10-120
4-Terphenyl-d14	67		41-149

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-01
Client ID: TW-1
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 14:55
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 01/10/20 12:31
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 01/09/20 15:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.16		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.09	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.08	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.06	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.09	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.04	J	ug/l	0.10	0.01	1
Chrysene	0.06	J	ug/l	0.10	0.01	1
Acenaphthylene	0.02	J	ug/l	0.10	0.01	1
Anthracene	0.04	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.06	J	ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	0.16		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.01	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.06	J	ug/l	0.10	0.01	1
Pyrene	0.13		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	0.40	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-01
Client ID: TW-1
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 14:55
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	40		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	88		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	103		41-149

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-02
Client ID: TW-2
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 14:45
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 01/14/20 14:05
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 01/09/20 15:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-02
Client ID: TW-2
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 14:45
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	39		21-120
Phenol-d6	33		10-120
Nitrobenzene-d5	42		23-120
2-Fluorobiphenyl	44		15-120
2,4,6-Tribromophenol	29		10-120
4-Terphenyl-d14	52		41-149

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-02
Client ID: TW-2
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 14:45
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 01/10/20 12:47
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 01/09/20 15:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.05	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.03	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.02	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.03	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Chrysene	0.02	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.02	J	ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.05	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.02	J	ug/l	0.10	0.01	1
Pyrene	0.04	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-02
Client ID: TW-2
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 14:45
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	95		41-149

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-03
Client ID: TW-3
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 13:35
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 01/10/20 12:52
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 01/09/20 15:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	2.1	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-03
Client ID: TW-3
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 13:35
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	51		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	68		41-149

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-03
Client ID: TW-3
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 13:35
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 01/10/20 13:03
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 01/09/20 15:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.02	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.18		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.05	J	ug/l	0.10	0.05	1
Benzo(a)anthracene	0.10	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.08	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.11		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.04	J	ug/l	0.10	0.01	1
Chrysene	0.07	J	ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	0.03	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.05	J	ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	0.13		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.05	J	ug/l	0.10	0.01	1
Pyrene	0.15		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	0.30	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-03
Client ID: TW-3
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 13:35
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	43		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	109		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	105		41-149

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-04
Client ID: DUP1GW (1-8-20)
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 14:00
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 01/10/20 13:28
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 01/09/20 15:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	1.9	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-04
Client ID: DUP1GW (1-8-20)
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 14:00
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	56		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	73		41-149

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-04
Client ID: DUP1GW (1-8-20)
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 14:00
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 01/10/20 13:19
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 01/09/20 15:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.03	J	ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.03	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	0.02	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	0.30	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-04
Client ID: DUP1GW (1-8-20)
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 14:00
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	43		21-120
Phenol-d6	38		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	91		15-120
2,4,6-Tribromophenol	64		10-120
4-Terphenyl-d14	103		41-149

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-05
Client ID: DUP2GW (1-8-20)
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 14:50
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 01/14/20 16:58
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 01/09/20 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	42		15-110

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-06
Client ID: FIELD BLANK
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 15:20
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 01/10/20 13:54
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 01/09/20 15:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	2.9	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-06
Client ID: FIELD BLANK
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 15:20
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	29		21-120
Phenol-d6	30		10-120
Nitrobenzene-d5	37		23-120
2-Fluorobiphenyl	40		15-120
2,4,6-Tribromophenol	40		10-120
4-Terphenyl-d14	69		41-149

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-06
Client ID: FIELD BLANK
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 15:20
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 01/10/20 13:35
Analyst: CB

Extraction Method: EPA 3510C
Extraction Date: 01/09/20 15:52

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	0.02	J	ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	0.32	J	ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-06
Client ID: FIELD BLANK
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 15:20
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	26		21-120
Phenol-d6	27		10-120
Nitrobenzene-d5	43		23-120
2-Fluorobiphenyl	73		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	104		41-149

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-06
Client ID: FIELD BLANK
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 15:20
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 01/14/20 17:22
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 01/09/20 17:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	144	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	39		15-110

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/10/20 15:42
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 01/09/20 08:27

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06 Batch: WG1328309-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	1.6	J	ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/10/20 15:42
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 01/09/20 08:27

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06 Batch: WG1328309-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 01/10/20 15:42
Analyst: SZ

Extraction Method: EPA 3510C
Extraction Date: 01/09/20 08:27

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04,06 Batch: WG1328309-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		21-120
Phenol-d6	65		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	61		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	75		41-149

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 01/09/20 23:36
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 01/09/20 08:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-04,06 Batch: WG1328312-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	0.03	J	ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 01/09/20 23:36
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 01/09/20 08:29

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-04,06 Batch: WG1328312-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	67		23-120
2-Fluorobiphenyl	93		15-120
2,4,6-Tribromophenol	71		10-120
4-Terphenyl-d14	103		41-149

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 01/14/20 11:27
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 01/09/20 17:00

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270D-SIM - Mansfield Lab for sample(s): 05-06 Batch: WG1328524-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	52		15-110

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06 Batch: WG1328309-2 WG1328309-3								
Acenaphthene	84		90		37-111	7		30
1,2,4-Trichlorobenzene	78		79		39-98	1		30
Hexachlorobenzene	76		81		40-140	6		30
Bis(2-chloroethyl)ether	80		81		40-140	1		30
2-Chloronaphthalene	75		82		40-140	9		30
1,2-Dichlorobenzene	82		79		40-140	4		30
1,3-Dichlorobenzene	82		80		40-140	2		30
1,4-Dichlorobenzene	81		79		36-97	3		30
3,3'-Dichlorobenzidine	88		86		40-140	2		30
2,4-Dinitrotoluene	82		90		48-143	9		30
2,6-Dinitrotoluene	80		83		40-140	4		30
Fluoranthene	90		98		40-140	9		30
4-Chlorophenyl phenyl ether	75		82		40-140	9		30
4-Bromophenyl phenyl ether	77		86		40-140	11		30
Bis(2-chloroisopropyl)ether	71		71		40-140	0		30
Bis(2-chloroethoxy)methane	78		83		40-140	6		30
Hexachlorobutadiene	67		74		40-140	10		30
Hexachlorocyclopentadiene	66		71		40-140	7		30
Hexachloroethane	75		71		40-140	5		30
Isophorone	85		87		40-140	2		30
Naphthalene	76		80		40-140	5		30
Nitrobenzene	78		77		40-140	1		30
NDPA/DPA	83		91		40-140	9		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06 Batch: WG1328309-2 WG1328309-3								
n-Nitrosodi-n-propylamine	79		83		29-132	5		30
Bis(2-ethylhexyl)phthalate	83		88		40-140	6		30
Butyl benzyl phthalate	89		98		40-140	10		30
Di-n-butylphthalate	81		85		40-140	5		30
Di-n-octylphthalate	92		97		40-140	5		30
Diethyl phthalate	76		82		40-140	8		30
Dimethyl phthalate	74		78		40-140	5		30
Benzo(a)anthracene	84		90		40-140	7		30
Benzo(a)pyrene	85		85		40-140	0		30
Benzo(b)fluoranthene	98		98		40-140	0		30
Benzo(k)fluoranthene	84		90		40-140	7		30
Chrysene	78		81		40-140	4		30
Acenaphthylene	78		85		45-123	9		30
Anthracene	87		90		40-140	3		30
Benzo(ghi)perylene	78		85		40-140	9		30
Fluorene	83		91		40-140	9		30
Phenanthrene	84		86		40-140	2		30
Dibenzo(a,h)anthracene	75		79		40-140	5		30
Indeno(1,2,3-cd)pyrene	83		90		40-140	8		30
Pyrene	85		93		26-127	9		30
Biphenyl	76		82		40-140	8		30
4-Chloroaniline	68		84		40-140	21		30
2-Nitroaniline	86		91		52-143	6		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06 Batch: WG1328309-2 WG1328309-3								
3-Nitroaniline	85		96		25-145	12		30
4-Nitroaniline	84		97		51-143	14		30
Dibenzofuran	78		89		40-140	13		30
2-Methylnaphthalene	77		85		40-140	10		30
1,2,4,5-Tetrachlorobenzene	71		75		2-134	5		30
Acetophenone	83		83		39-129	0		30
2,4,6-Trichlorophenol	79		87		30-130	10		30
p-Chloro-m-cresol	80		92		23-97	14		30
2-Chlorophenol	88		87		27-123	1		30
2,4-Dichlorophenol	88		90		30-130	2		30
2,4-Dimethylphenol	78		83		30-130	6		30
2-Nitrophenol	83		85		30-130	2		30
4-Nitrophenol	67		**82**	Q	10-80	20		30
2,4-Dinitrophenol	35		45		20-130	25		30
4,6-Dinitro-o-cresol	37		45		20-164	20		30
Pentachlorophenol	57		81		9-103	**35**	Q	30
Phenol	68		74		12-110	8		30
2-Methylphenol	87		95		30-130	9		30
3-Methylphenol/4-Methylphenol	93		99		30-130	6		30
2,4,5-Trichlorophenol	76		85		30-130	11		30
Benzoic Acid	**0**	Q	**0**	Q	10-164	NC		30
Benzyl Alcohol	77		88		26-116	13		30
Carbazole	89		96		55-144	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000844

Report Date: 01/20/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04,06 Batch: WG1328309-2 WG1328309-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	75		79		21-120
Phenol-d6	62		69		10-120
Nitrobenzene-d5	60		56		23-120
2-Fluorobiphenyl	53		58		15-120
2,4,6-Tribromophenol	82		89		10-120
4-Terphenyl-d14	66		73		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04,06 Batch: WG1328312-2 WG1328312-3								
Acenaphthene	90		106		40-140	16		40
2-Chloronaphthalene	95		108		40-140	13		40
Fluoranthene	95		113		40-140	17		40
Hexachlorobutadiene	83		94		40-140	12		40
Naphthalene	82		94		40-140	14		40
Benzo(a)anthracene	92		110		40-140	18		40
Benzo(a)pyrene	106		126		40-140	17		40
Benzo(b)fluoranthene	98		121		40-140	21		40
Benzo(k)fluoranthene	109		126		40-140	14		40
Chrysene	94		113		40-140	18		40
Acenaphthylene	94		108		40-140	14		40
Anthracene	101		119		40-140	16		40
Benzo(ghi)perylene	109		131		40-140	18		40
Fluorene	93		111		40-140	18		40
Phenanthrene	89		106		40-140	17		40
Dibenzo(a,h)anthracene	113		136		40-140	18		40
Indeno(1,2,3-cd)pyrene	111		129		40-140	15		40
Pyrene	95		112		40-140	16		40
2-Methylnaphthalene	90		103		40-140	13		40
Pentachlorophenol	95		116		40-140	20		40
Hexachlorobenzene	87		101		40-140	15		40
Hexachloroethane	64		74		40-140	14		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04,06 Batch: WG1328312-2 WG1328312-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	65		70		21-120
Phenol-d6	55		60		10-120
Nitrobenzene-d5	67		77		23-120
2-Fluorobiphenyl	98		111		15-120
2,4,6-Tribromophenol	86		97		10-120
4-Terphenyl-d14	97		114		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000844

Report Date: 01/20/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270D-SIM - Mansfield Lab	Associated sample(s): 05-06		Batch: WG1328524-2 WG1328524-3					
1,4-Dioxane	98		113		40-140	14		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	54		64		15-110

PCBS

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-01
Client ID: TW-1
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 14:55
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 01/11/20 13:38
Analyst: AWS

Extraction Method: EPA 3510C
Extraction Date: 01/09/20 16:19
Cleanup Method: EPA 3665A
Cleanup Date: 01/10/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/10/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	74		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-02
Client ID: TW-2
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 14:45
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 01/11/20 13:51
Analyst: AWS

Extraction Method: EPA 3510C
Extraction Date: 01/09/20 16:19
Cleanup Method: EPA 3665A
Cleanup Date: 01/10/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/10/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	70		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-03
Client ID: TW-3
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 13:35
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 01/11/20 14:05
Analyst: AWS

Extraction Method: EPA 3510C
Extraction Date: 01/09/20 16:19
Cleanup Method: EPA 3665A
Cleanup Date: 01/10/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/10/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	0.064	J	ug/l	0.083	0.032	1	B
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	0.064	J	ug/l	0.083	0.032	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	83		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-04
Client ID: DUP1GW (1-8-20)
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 14:00
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 01/11/20 14:18
Analyst: AWS

Extraction Method: EPA 3510C
Extraction Date: 01/09/20 16:19
Cleanup Method: EPA 3665A
Cleanup Date: 01/10/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/10/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	ND		ug/l	0.083	0.032	1	A
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	ND		ug/l	0.083	0.032	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	80		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-06
Client ID: FIELD BLANK
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 15:20
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 01/11/20 14:32
Analyst: AWS

Extraction Method: EPA 3510C
Extraction Date: 01/09/20 16:19
Cleanup Method: EPA 3665A
Cleanup Date: 01/10/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/10/20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.083	0.034	1	A
Aroclor 1221	ND		ug/l	0.083	0.067	1	A
Aroclor 1232	ND		ug/l	0.083	0.046	1	A
Aroclor 1242	ND		ug/l	0.083	0.039	1	A
Aroclor 1248	ND		ug/l	0.083	0.049	1	A
Aroclor 1254	ND		ug/l	0.083	0.039	1	A
Aroclor 1260	0.064	J	ug/l	0.083	0.032	1	B
Aroclor 1262	ND		ug/l	0.083	0.035	1	A
Aroclor 1268	ND		ug/l	0.083	0.034	1	A
PCBs, Total	0.064	J	ug/l	0.083	0.032	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 01/09/20 15:39
Analyst: KB

Extraction Method: EPA 3510C
Extraction Date: 01/08/20 18:43
Cleanup Method: EPA 3665A
Cleanup Date: 01/09/20
Cleanup Method: EPA 3660B
Cleanup Date: 01/09/20

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04,06 Batch: WG1328109-1						
Aroclor 1016	ND		ug/l	0.083	0.034	A
Aroclor 1221	ND		ug/l	0.083	0.067	A
Aroclor 1232	ND		ug/l	0.083	0.046	A
Aroclor 1242	ND		ug/l	0.083	0.039	A
Aroclor 1248	ND		ug/l	0.083	0.049	A
Aroclor 1254	ND		ug/l	0.083	0.039	A
Aroclor 1260	ND		ug/l	0.083	0.032	A
Aroclor 1262	ND		ug/l	0.083	0.035	A
Aroclor 1268	ND		ug/l	0.083	0.034	A
PCBs, Total	ND		ug/l	0.083	0.032	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	60		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	67		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04,06 Batch: WG1328109-2 WG1328109-3									
Aroclor 1016	56		66		40-140	17		50	A
Aroclor 1260	61		85		40-140	33		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	54		63		30-150	A
Decachlorobiphenyl	53		66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		60		30-150	B
Decachlorobiphenyl	63		78		30-150	B

PESTICIDES

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-01
Client ID: TW-1
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 14:55
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 01/13/20 13:07
Analyst: BM

Extraction Method: EPA 3510C
Extraction Date: 01/10/20 07:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	0.022	J	ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-01
Client ID: TW-1
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 14:55
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	44		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-02
Client ID: TW-2
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 14:45
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 01/13/20 13:16
Analyst: BM

Extraction Method: EPA 3510C
Extraction Date: 01/10/20 07:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	0.009	J	ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-02
Client ID: TW-2
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 14:45
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	41		30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-03
Client ID: TW-3
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 13:35
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 01/13/20 13:25
Analyst: BM

Extraction Method: EPA 3510C
Extraction Date: 01/10/20 07:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	0.018	J	ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-03
Client ID: TW-3
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 13:35
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	49		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	48		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-04
Client ID: DUP1GW (1-8-20)
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 14:00
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 01/13/20 13:34
Analyst: BM

Extraction Method: EPA 3510C
Extraction Date: 01/10/20 07:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	0.021	J	ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-04
Client ID: DUP1GW (1-8-20)
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 14:00
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	49		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	62		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-06
Client ID: FIELD BLANK
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 15:20
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 01/13/20 13:44
Analyst: BM

Extraction Method: EPA 3510C
Extraction Date: 01/10/20 07:40

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-06
Client ID: FIELD BLANK
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 15:20
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	55		30-150	A
Decachlorobiphenyl	36		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/13/20 13:03
Analyst: SL

Extraction Method: EPA 3510C
Extraction Date: 01/10/20 07:40

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04,06 Batch: WG1328717-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 01/13/20 13:03
Analyst: SL

Extraction Method: EPA 3510C
Extraction Date: 01/10/20 07:40

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04,06 Batch: WG1328717-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	46		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	53		30-150	B
Decachlorobiphenyl	46		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000844

Report Date: 01/20/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04,06 Batch: WG1328717-2 WG1328717-3									
Delta-BHC	60		50		30-150	18		20	A
Lindane	60		53		30-150	12		20	A
Alpha-BHC	62		55		30-150	12		20	A
Beta-BHC	58		51		30-150	12		20	A
Heptachlor	60		52		30-150	13		20	A
Aldrin	60		53		30-150	11		20	A
Heptachlor epoxide	62		55		30-150	12		20	A
Endrin	64		54		30-150	17		20	A
Endrin aldehyde	48		38		30-150	**24**	Q	20	A
Endrin ketone	66		56		30-150	17		20	A
Dieldrin	64		56		30-150	13		20	A
4,4'-DDE	62		54		30-150	13		20	A
4,4'-DDD	63		55		30-150	13		20	A
4,4'-DDT	65		57		30-150	13		20	A
Endosulfan I	58		51		30-150	13		20	A
Endosulfan II	73		63		30-150	15		20	A
Endosulfan sulfate	58		47		30-150	**21**	Q	20	A
Methoxychlor	73		63		30-150	15		20	A
cis-Chlordane	57		51		30-150	12		20	A
trans-Chlordane	60		53		30-150	12		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04,06 Batch: WG1328717-2 WG1328717-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	56		47		30-150	A
Decachlorobiphenyl	54		48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		55		30-150	B
Decachlorobiphenyl	56		51		30-150	B

METALS

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-01
Client ID: TW-1
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 01/08/20 14:55
Date Received: 01/08/20
Field Prep: Refer to COC

Dissolved Metals - Mansfield Lab

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Aluminum, Dissolved	0.0539		mg/l	0.0100	0.00327	1	01/09/20 12:40	01/10/20 01:23	EPA 3005A	1,6020B	AM
Antimony, Dissolved	0.00053	J	mg/l	0.00400	0.00042	1	01/09/20 12:40	01/10/20 01:23	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.00018	J	mg/l	0.00050	0.00016	1	01/09/20 12:40	01/10/20 01:23	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.2353		mg/l	0.00050	0.00017	1	01/09/20 12:40	01/10/20 01:23	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	01/09/20 12:40	01/10/20 01:23	EPA 3005A	1,6020B	AM
Cadmium, Dissolved	0.00014	J	mg/l	0.00020	0.00005	1	01/09/20 12:40	01/10/20 01:23	EPA 3005A	1,6020B	AM
Calcium, Dissolved	83.4		mg/l	0.100	0.0394	1	01/09/20 12:40	01/10/20 01:23	EPA 3005A	1,6020B	AM
Chromium, Dissolved	0.00199		mg/l	0.00100	0.00017	1	01/09/20 12:40	01/10/20 01:23	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.00062		mg/l	0.00050	0.00016	1	01/09/20 12:40	01/10/20 01:23	EPA 3005A	1,6020B	AM
Copper, Dissolved	0.00110		mg/l	0.00100	0.00038	1	01/09/20 12:40	01/10/20 01:23	EPA 3005A	1,6020B	AM
Iron, Dissolved	0.109		mg/l	0.0500	0.0191	1	01/09/20 12:40	01/10/20 01:23	EPA 3005A	1,6020B	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	01/09/20 12:40	01/10/20 01:23	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	34.2		mg/l	0.0700	0.0242	1	01/09/20 12:40	01/10/20 01:23	EPA 3005A	1,6020B	AM
Manganese, Dissolved	0.8880		mg/l	0.00100	0.00044	1	01/09/20 12:40	01/10/20 01:23	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	01/09/20 11:04	01/09/20 17:18	EPA 7470A	1,7470A	AL
Nickel, Dissolved	0.00742		mg/l	0.00200	0.00055	1	01/09/20 12:40	01/10/20 01:23	EPA 3005A	1,6020B	AM
Potassium, Dissolved	6.24		mg/l	0.100	0.0309	1	01/09/20 12:40	01/10/20 01:23	EPA 3005A	1,6020B	AM
Selenium, Dissolved	0.00287	J	mg/l	0.00500	0.00173	1	01/09/20 12:40	01/10/20 01:23	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	01/09/20 12:40	01/10/20 01:23	EPA 3005A	1,6020B	AM
Sodium, Dissolved	168.		mg/l	0.100	0.0293	1	01/09/20 12:40	01/10/20 01:23	EPA 3005A	1,6020B	AM
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	01/09/20 12:40	01/10/20 01:23	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	01/09/20 12:40	01/10/20 01:23	EPA 3005A	1,6020B	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	01/09/20 12:40	01/10/20 01:23	EPA 3005A	1,6020B	AM

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-02
Client ID: TW-2
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 14:45
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.781		mg/l	0.0100	0.00327	1	01/09/20 10:53	01/09/20 22:10	EPA 3005A	1,6020B	AM
Antimony, Total	0.00050	J	mg/l	0.00400	0.00042	1	01/09/20 10:53	01/09/20 22:10	EPA 3005A	1,6020B	AM
Arsenic, Total	0.00122		mg/l	0.00050	0.00016	1	01/09/20 10:53	01/09/20 22:10	EPA 3005A	1,6020B	AM
Barium, Total	0.1360		mg/l	0.00050	0.00017	1	01/09/20 10:53	01/09/20 22:10	EPA 3005A	1,6020B	AM
Beryllium, Total	0.00016	J	mg/l	0.00050	0.00010	1	01/09/20 10:53	01/09/20 22:10	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00025		mg/l	0.00020	0.00005	1	01/09/20 10:53	01/09/20 22:10	EPA 3005A	1,6020B	AM
Calcium, Total	81.9		mg/l	0.100	0.0394	1	01/09/20 10:53	01/09/20 22:10	EPA 3005A	1,6020B	AM
Chromium, Total	0.00580		mg/l	0.00100	0.00017	1	01/09/20 10:53	01/09/20 22:10	EPA 3005A	1,6020B	AM
Cobalt, Total	0.00373		mg/l	0.00050	0.00016	1	01/09/20 10:53	01/09/20 22:10	EPA 3005A	1,6020B	AM
Copper, Total	0.01253		mg/l	0.00100	0.00038	1	01/09/20 10:53	01/09/20 22:10	EPA 3005A	1,6020B	AM
Iron, Total	1.64		mg/l	0.0500	0.0191	1	01/09/20 10:53	01/09/20 22:10	EPA 3005A	1,6020B	AM
Lead, Total	0.00780		mg/l	0.00100	0.00034	1	01/09/20 10:53	01/09/20 22:10	EPA 3005A	1,6020B	AM
Magnesium, Total	33.9		mg/l	0.0700	0.0242	1	01/09/20 10:53	01/09/20 22:10	EPA 3005A	1,6020B	AM
Manganese, Total	0.6403		mg/l	0.00100	0.00044	1	01/09/20 10:53	01/09/20 22:10	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/09/20 12:20	01/09/20 19:19	EPA 7470A	1,7470A	AL
Nickel, Total	0.02707		mg/l	0.00200	0.00055	1	01/09/20 10:53	01/09/20 22:10	EPA 3005A	1,6020B	AM
Potassium, Total	8.35		mg/l	0.100	0.0309	1	01/09/20 10:53	01/09/20 22:10	EPA 3005A	1,6020B	AM
Selenium, Total	0.00232	J	mg/l	0.00500	0.00173	1	01/09/20 10:53	01/09/20 22:10	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/09/20 10:53	01/09/20 22:10	EPA 3005A	1,6020B	AM
Sodium, Total	154.		mg/l	0.100	0.0293	1	01/09/20 10:53	01/09/20 22:10	EPA 3005A	1,6020B	AM
Thallium, Total	0.00022	J	mg/l	0.00100	0.00014	1	01/09/20 10:53	01/09/20 22:10	EPA 3005A	1,6020B	AM
Vanadium, Total	0.00335	J	mg/l	0.00500	0.00157	1	01/09/20 10:53	01/09/20 22:10	EPA 3005A	1,6020B	AM
Zinc, Total	0.05239		mg/l	0.01000	0.00341	1	01/09/20 10:53	01/09/20 22:10	EPA 3005A	1,6020B	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00331	J	mg/l	0.0100	0.00327	1	01/09/20 12:40	01/10/20 01:28	EPA 3005A	1,6020B	AM
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	01/09/20 12:40	01/10/20 01:28	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.00020	J	mg/l	0.00050	0.00016	1	01/09/20 12:40	01/10/20 01:28	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.1044		mg/l	0.00050	0.00017	1	01/09/20 12:40	01/10/20 01:28	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	01/09/20 12:40	01/10/20 01:28	EPA 3005A	1,6020B	AM

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-02
Client ID: TW-2
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 01/08/20 14:45
Date Received: 01/08/20
Field Prep: Refer to COC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00014	J	mg/l	0.00020	0.00005	1	01/09/20 12:40	01/10/20 01:28	EPA 3005A	1,6020B	AM
Calcium, Dissolved	76.9		mg/l	0.100	0.0394	1	01/09/20 12:40	01/10/20 01:28	EPA 3005A	1,6020B	AM
Chromium, Dissolved	0.00186		mg/l	0.00100	0.00017	1	01/09/20 12:40	01/10/20 01:28	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.00063		mg/l	0.00050	0.00016	1	01/09/20 12:40	01/10/20 01:28	EPA 3005A	1,6020B	AM
Copper, Dissolved	0.00070	J	mg/l	0.00100	0.00038	1	01/09/20 12:40	01/10/20 01:28	EPA 3005A	1,6020B	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	01/09/20 12:40	01/10/20 01:28	EPA 3005A	1,6020B	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	01/09/20 12:40	01/10/20 01:28	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	31.8		mg/l	0.0700	0.0242	1	01/09/20 12:40	01/10/20 01:28	EPA 3005A	1,6020B	AM
Manganese, Dissolved	0.3701		mg/l	0.00100	0.00044	1	01/09/20 12:40	01/10/20 01:28	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	01/09/20 11:04	01/09/20 17:20	EPA 7470A	1,7470A	AL
Nickel, Dissolved	0.01079		mg/l	0.00200	0.00055	1	01/09/20 12:40	01/10/20 01:28	EPA 3005A	1,6020B	AM
Potassium, Dissolved	8.11		mg/l	0.100	0.0309	1	01/09/20 12:40	01/10/20 01:28	EPA 3005A	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	01/09/20 12:40	01/10/20 01:28	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	01/09/20 12:40	01/10/20 01:28	EPA 3005A	1,6020B	AM
Sodium, Dissolved	155.		mg/l	0.100	0.0293	1	01/09/20 12:40	01/10/20 01:28	EPA 3005A	1,6020B	AM
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	01/09/20 12:40	01/10/20 01:28	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	01/09/20 12:40	01/10/20 01:28	EPA 3005A	1,6020B	AM
Zinc, Dissolved	0.00389	J	mg/l	0.01000	0.00341	1	01/09/20 12:40	01/10/20 01:28	EPA 3005A	1,6020B	AM

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-03
Client ID: TW-3
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 01/08/20 13:35
Date Received: 01/08/20
Field Prep: Refer to COC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3.32		mg/l	0.0100	0.00327	1	01/09/20 10:53	01/09/20 23:00	EPA 3005A	1,6020B	AM
Antimony, Total	0.00053	J	mg/l	0.00400	0.00042	1	01/09/20 10:53	01/09/20 23:00	EPA 3005A	1,6020B	AM
Arsenic, Total	0.00398		mg/l	0.00050	0.00016	1	01/09/20 10:53	01/09/20 23:00	EPA 3005A	1,6020B	AM
Barium, Total	0.2109		mg/l	0.00050	0.00017	1	01/09/20 10:53	01/09/20 23:00	EPA 3005A	1,6020B	AM
Beryllium, Total	0.00045	J	mg/l	0.00050	0.00010	1	01/09/20 10:53	01/09/20 23:00	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00022		mg/l	0.00020	0.00005	1	01/09/20 10:53	01/09/20 23:00	EPA 3005A	1,6020B	AM
Calcium, Total	90.9		mg/l	0.100	0.0394	1	01/09/20 10:53	01/09/20 23:00	EPA 3005A	1,6020B	AM
Chromium, Total	0.01252		mg/l	0.00100	0.00017	1	01/09/20 10:53	01/09/20 23:00	EPA 3005A	1,6020B	AM
Cobalt, Total	0.01175		mg/l	0.00050	0.00016	1	01/09/20 10:53	01/09/20 23:00	EPA 3005A	1,6020B	AM
Copper, Total	0.01796		mg/l	0.00100	0.00038	1	01/09/20 10:53	01/09/20 23:00	EPA 3005A	1,6020B	AM
Iron, Total	6.86		mg/l	0.0500	0.0191	1	01/09/20 10:53	01/09/20 23:00	EPA 3005A	1,6020B	AM
Lead, Total	0.01545		mg/l	0.00100	0.00034	1	01/09/20 10:53	01/09/20 23:00	EPA 3005A	1,6020B	AM
Magnesium, Total	29.5		mg/l	0.0700	0.0242	1	01/09/20 10:53	01/09/20 23:00	EPA 3005A	1,6020B	AM
Manganese, Total	0.9170		mg/l	0.00100	0.00044	1	01/09/20 10:53	01/09/20 23:00	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/09/20 12:20	01/09/20 19:21	EPA 7470A	1,7470A	AL
Nickel, Total	0.08471		mg/l	0.00200	0.00055	1	01/09/20 10:53	01/09/20 23:00	EPA 3005A	1,6020B	AM
Potassium, Total	7.99		mg/l	0.100	0.0309	1	01/09/20 10:53	01/09/20 23:00	EPA 3005A	1,6020B	AM
Selenium, Total	0.00420	J	mg/l	0.00500	0.00173	1	01/09/20 10:53	01/09/20 23:00	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/09/20 10:53	01/09/20 23:00	EPA 3005A	1,6020B	AM
Sodium, Total	217.		mg/l	0.100	0.0293	1	01/09/20 10:53	01/09/20 23:00	EPA 3005A	1,6020B	AM
Thallium, Total	0.00095	J	mg/l	0.00100	0.00014	1	01/09/20 10:53	01/09/20 23:00	EPA 3005A	1,6020B	AM
Vanadium, Total	0.01196		mg/l	0.00500	0.00157	1	01/09/20 10:53	01/09/20 23:00	EPA 3005A	1,6020B	AM
Zinc, Total	0.03597		mg/l	0.01000	0.00341	1	01/09/20 10:53	01/09/20 23:00	EPA 3005A	1,6020B	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00616	J	mg/l	0.0100	0.00327	1	01/09/20 12:40	01/10/20 01:32	EPA 3005A	1,6020B	AM
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	01/09/20 12:40	01/10/20 01:32	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.00043	J	mg/l	0.00050	0.00016	1	01/09/20 12:40	01/10/20 01:32	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.09640		mg/l	0.00050	0.00017	1	01/09/20 12:40	01/10/20 01:32	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	01/09/20 12:40	01/10/20 01:32	EPA 3005A	1,6020B	AM

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-03
Client ID: TW-3
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 01/08/20 13:35
Date Received: 01/08/20
Field Prep: Refer to COC

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00007	J	mg/l	0.00020	0.00005	1	01/09/20 12:40	01/10/20 01:32	EPA 3005A	1,6020B	AM
Calcium, Dissolved	88.3		mg/l	0.100	0.0394	1	01/09/20 12:40	01/10/20 01:32	EPA 3005A	1,6020B	AM
Chromium, Dissolved	0.00212		mg/l	0.00100	0.00017	1	01/09/20 12:40	01/10/20 01:32	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.00044	J	mg/l	0.00050	0.00016	1	01/09/20 12:40	01/10/20 01:32	EPA 3005A	1,6020B	AM
Copper, Dissolved	0.00073	J	mg/l	0.00100	0.00038	1	01/09/20 12:40	01/10/20 01:32	EPA 3005A	1,6020B	AM
Iron, Dissolved	0.0198	J	mg/l	0.0500	0.0191	1	01/09/20 12:40	01/10/20 01:32	EPA 3005A	1,6020B	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	01/09/20 12:40	01/10/20 01:32	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	27.4		mg/l	0.0700	0.0242	1	01/09/20 12:40	01/10/20 01:32	EPA 3005A	1,6020B	AM
Manganese, Dissolved	0.1169		mg/l	0.00100	0.00044	1	01/09/20 12:40	01/10/20 01:32	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	01/09/20 11:04	01/09/20 17:22	EPA 7470A	1,7470A	AL
Nickel, Dissolved	0.01078		mg/l	0.00200	0.00055	1	01/09/20 12:40	01/10/20 01:32	EPA 3005A	1,6020B	AM
Potassium, Dissolved	7.91		mg/l	0.100	0.0309	1	01/09/20 12:40	01/10/20 01:32	EPA 3005A	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	01/09/20 12:40	01/10/20 01:32	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	01/09/20 12:40	01/10/20 01:32	EPA 3005A	1,6020B	AM
Sodium, Dissolved	228.		mg/l	0.100	0.0293	1	01/09/20 12:40	01/10/20 01:32	EPA 3005A	1,6020B	AM
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	01/09/20 12:40	01/10/20 01:32	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	01/09/20 12:40	01/10/20 01:32	EPA 3005A	1,6020B	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	01/09/20 12:40	01/10/20 01:32	EPA 3005A	1,6020B	AM

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-04
Client ID: DUP1GW (1-8-20)
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 14:00
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.761		mg/l	0.0100	0.00327	1	01/09/20 10:53	01/09/20 23:04	EPA 3005A	1,6020B	AM
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/09/20 10:53	01/09/20 23:04	EPA 3005A	1,6020B	AM
Arsenic, Total	0.00112		mg/l	0.00050	0.00016	1	01/09/20 10:53	01/09/20 23:04	EPA 3005A	1,6020B	AM
Barium, Total	0.1367		mg/l	0.00050	0.00017	1	01/09/20 10:53	01/09/20 23:04	EPA 3005A	1,6020B	AM
Beryllium, Total	0.00010	J	mg/l	0.00050	0.00010	1	01/09/20 10:53	01/09/20 23:04	EPA 3005A	1,6020B	AM
Cadmium, Total	0.00011	J	mg/l	0.00020	0.00005	1	01/09/20 10:53	01/09/20 23:04	EPA 3005A	1,6020B	AM
Calcium, Total	91.6		mg/l	0.100	0.0394	1	01/09/20 10:53	01/09/20 23:04	EPA 3005A	1,6020B	AM
Chromium, Total	0.00417		mg/l	0.00100	0.00017	1	01/09/20 10:53	01/09/20 23:04	EPA 3005A	1,6020B	AM
Cobalt, Total	0.00280		mg/l	0.00050	0.00016	1	01/09/20 10:53	01/09/20 23:04	EPA 3005A	1,6020B	AM
Copper, Total	0.00412		mg/l	0.00100	0.00038	1	01/09/20 10:53	01/09/20 23:04	EPA 3005A	1,6020B	AM
Iron, Total	1.38		mg/l	0.0500	0.0191	1	01/09/20 10:53	01/09/20 23:04	EPA 3005A	1,6020B	AM
Lead, Total	0.00375		mg/l	0.00100	0.00034	1	01/09/20 10:53	01/09/20 23:04	EPA 3005A	1,6020B	AM
Magnesium, Total	28.5		mg/l	0.0700	0.0242	1	01/09/20 10:53	01/09/20 23:04	EPA 3005A	1,6020B	AM
Manganese, Total	0.3337		mg/l	0.00100	0.00044	1	01/09/20 10:53	01/09/20 23:04	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/09/20 12:20	01/09/20 19:23	EPA 7470A	1,7470A	AL
Nickel, Total	0.02713		mg/l	0.00200	0.00055	1	01/09/20 10:53	01/09/20 23:04	EPA 3005A	1,6020B	AM
Potassium, Total	7.91		mg/l	0.100	0.0309	1	01/09/20 10:53	01/09/20 23:04	EPA 3005A	1,6020B	AM
Selenium, Total	0.00205	J	mg/l	0.00500	0.00173	1	01/09/20 10:53	01/09/20 23:04	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/09/20 10:53	01/09/20 23:04	EPA 3005A	1,6020B	AM
Sodium, Total	224.		mg/l	0.100	0.0293	1	01/09/20 10:53	01/09/20 23:04	EPA 3005A	1,6020B	AM
Thallium, Total	0.00037	J	mg/l	0.00100	0.00014	1	01/09/20 10:53	01/09/20 23:04	EPA 3005A	1,6020B	AM
Vanadium, Total	0.00362	J	mg/l	0.00500	0.00157	1	01/09/20 10:53	01/09/20 23:04	EPA 3005A	1,6020B	AM
Zinc, Total	0.00819	J	mg/l	0.01000	0.00341	1	01/09/20 10:53	01/09/20 23:04	EPA 3005A	1,6020B	AM
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0285		mg/l	0.0100	0.00327	1	01/09/20 12:40	01/10/20 01:37	EPA 3005A	1,6020B	AM
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	01/09/20 12:40	01/10/20 01:37	EPA 3005A	1,6020B	AM
Arsenic, Dissolved	0.00045	J	mg/l	0.00050	0.00016	1	01/09/20 12:40	01/10/20 01:37	EPA 3005A	1,6020B	AM
Barium, Dissolved	0.1016		mg/l	0.00050	0.00017	1	01/09/20 12:40	01/10/20 01:37	EPA 3005A	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	01/09/20 12:40	01/10/20 01:37	EPA 3005A	1,6020B	AM

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-04
Client ID: DUP1GW (1-8-20)
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 14:00
Date Received: 01/08/20
Field Prep: Refer to COC

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00006	J	mg/l	0.00020	0.00005	1	01/09/20 12:40	01/10/20 01:37	EPA 3005A	1,6020B	AM
Calcium, Dissolved	88.8		mg/l	0.100	0.0394	1	01/09/20 12:40	01/10/20 01:37	EPA 3005A	1,6020B	AM
Chromium, Dissolved	0.00217		mg/l	0.00100	0.00017	1	01/09/20 12:40	01/10/20 01:37	EPA 3005A	1,6020B	AM
Cobalt, Dissolved	0.00049	J	mg/l	0.00050	0.00016	1	01/09/20 12:40	01/10/20 01:37	EPA 3005A	1,6020B	AM
Copper, Dissolved	0.00081	J	mg/l	0.00100	0.00038	1	01/09/20 12:40	01/10/20 01:37	EPA 3005A	1,6020B	AM
Iron, Dissolved	0.0705		mg/l	0.0500	0.0191	1	01/09/20 12:40	01/10/20 01:37	EPA 3005A	1,6020B	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	01/09/20 12:40	01/10/20 01:37	EPA 3005A	1,6020B	AM
Magnesium, Dissolved	26.7		mg/l	0.0700	0.0242	1	01/09/20 12:40	01/10/20 01:37	EPA 3005A	1,6020B	AM
Manganese, Dissolved	0.1384		mg/l	0.00100	0.00044	1	01/09/20 12:40	01/10/20 01:37	EPA 3005A	1,6020B	AM
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	01/09/20 11:04	01/09/20 17:29	EPA 7470A	1,7470A	AL
Nickel, Dissolved	0.01194		mg/l	0.00200	0.00055	1	01/09/20 12:40	01/10/20 01:37	EPA 3005A	1,6020B	AM
Potassium, Dissolved	7.68		mg/l	0.100	0.0309	1	01/09/20 12:40	01/10/20 01:37	EPA 3005A	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	01/09/20 12:40	01/10/20 01:37	EPA 3005A	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	01/09/20 12:40	01/10/20 01:37	EPA 3005A	1,6020B	AM
Sodium, Dissolved	220.		mg/l	0.100	0.0293	1	01/09/20 12:40	01/10/20 01:37	EPA 3005A	1,6020B	AM
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	01/09/20 12:40	01/10/20 01:37	EPA 3005A	1,6020B	AM
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	01/09/20 12:40	01/10/20 01:37	EPA 3005A	1,6020B	AM
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	01/09/20 12:40	01/10/20 01:37	EPA 3005A	1,6020B	AM

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

SAMPLE RESULTS

Lab ID: L2000844-06
Client ID: FIELD BLANK
Sample Location: BROOKLYN, NY
Date Collected: 01/08/20 15:20
Date Received: 01/08/20
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0417		mg/l	0.0100	0.00327	1	01/09/20 10:53	01/09/20 22:45	EPA 3005A	1,6020B	AM
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/09/20 10:53	01/09/20 22:45	EPA 3005A	1,6020B	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	01/09/20 10:53	01/09/20 22:45	EPA 3005A	1,6020B	AM
Barium, Total	0.00246		mg/l	0.00050	0.00017	1	01/09/20 10:53	01/09/20 22:45	EPA 3005A	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	01/09/20 10:53	01/09/20 22:45	EPA 3005A	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/09/20 10:53	01/09/20 22:45	EPA 3005A	1,6020B	AM
Calcium, Total	0.127		mg/l	0.100	0.0394	1	01/09/20 10:53	01/09/20 22:45	EPA 3005A	1,6020B	AM
Chromium, Total	0.00088	J	mg/l	0.00100	0.00017	1	01/09/20 10:53	01/09/20 22:45	EPA 3005A	1,6020B	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	01/09/20 10:53	01/09/20 22:45	EPA 3005A	1,6020B	AM
Copper, Total	0.00224		mg/l	0.00100	0.00038	1	01/09/20 10:53	01/09/20 22:45	EPA 3005A	1,6020B	AM
Iron, Total	0.0491	J	mg/l	0.0500	0.0191	1	01/09/20 10:53	01/09/20 22:45	EPA 3005A	1,6020B	AM
Lead, Total	0.00450		mg/l	0.00100	0.00034	1	01/09/20 10:53	01/09/20 22:45	EPA 3005A	1,6020B	AM
Magnesium, Total	0.0264	J	mg/l	0.0700	0.0242	1	01/09/20 10:53	01/09/20 22:45	EPA 3005A	1,6020B	AM
Manganese, Total	0.00171		mg/l	0.00100	0.00044	1	01/09/20 10:53	01/09/20 22:45	EPA 3005A	1,6020B	AM
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/09/20 12:20	01/09/20 19:26	EPA 7470A	1,7470A	AL
Nickel, Total	0.00058	J	mg/l	0.00200	0.00055	1	01/09/20 10:53	01/09/20 22:45	EPA 3005A	1,6020B	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	01/09/20 10:53	01/09/20 22:45	EPA 3005A	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/09/20 10:53	01/09/20 22:45	EPA 3005A	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/09/20 10:53	01/09/20 22:45	EPA 3005A	1,6020B	AM
Sodium, Total	0.207		mg/l	0.100	0.0293	1	01/09/20 10:53	01/09/20 22:45	EPA 3005A	1,6020B	AM
Thallium, Total	0.00030	J	mg/l	0.00100	0.00014	1	01/09/20 10:53	01/09/20 22:45	EPA 3005A	1,6020B	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	01/09/20 10:53	01/09/20 22:45	EPA 3005A	1,6020B	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	01/09/20 10:53	01/09/20 22:45	EPA 3005A	1,6020B	AM

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02-04,06 Batch: WG1328382-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	01/09/20 10:53	01/09/20 21:42	1,6020B	AM
Antimony, Total	ND		mg/l	0.00400	0.00042	1	01/09/20 10:53	01/09/20 21:42	1,6020B	AM
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	01/09/20 10:53	01/09/20 21:42	1,6020B	AM
Barium, Total	ND		mg/l	0.00050	0.00017	1	01/09/20 10:53	01/09/20 21:42	1,6020B	AM
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	01/09/20 10:53	01/09/20 21:42	1,6020B	AM
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	01/09/20 10:53	01/09/20 21:42	1,6020B	AM
Calcium, Total	ND		mg/l	0.100	0.0394	1	01/09/20 10:53	01/09/20 21:42	1,6020B	AM
Chromium, Total	0.00092	J	mg/l	0.00100	0.00017	1	01/09/20 10:53	01/09/20 21:42	1,6020B	AM
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	01/09/20 10:53	01/09/20 21:42	1,6020B	AM
Copper, Total	ND		mg/l	0.00100	0.00038	1	01/09/20 10:53	01/09/20 21:42	1,6020B	AM
Iron, Total	0.0267	J	mg/l	0.0500	0.0191	1	01/09/20 10:53	01/09/20 21:42	1,6020B	AM
Lead, Total	ND		mg/l	0.00100	0.00034	1	01/09/20 10:53	01/09/20 21:42	1,6020B	AM
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	01/09/20 10:53	01/09/20 21:42	1,6020B	AM
Manganese, Total	ND		mg/l	0.00100	0.00044	1	01/09/20 10:53	01/09/20 21:42	1,6020B	AM
Nickel, Total	0.00062	J	mg/l	0.00200	0.00055	1	01/09/20 10:53	01/09/20 21:42	1,6020B	AM
Potassium, Total	ND		mg/l	0.100	0.0309	1	01/09/20 10:53	01/09/20 21:42	1,6020B	AM
Selenium, Total	ND		mg/l	0.00500	0.00173	1	01/09/20 10:53	01/09/20 21:42	1,6020B	AM
Silver, Total	ND		mg/l	0.00040	0.00016	1	01/09/20 10:53	01/09/20 21:42	1,6020B	AM
Sodium, Total	ND		mg/l	0.100	0.0293	1	01/09/20 10:53	01/09/20 21:42	1,6020B	AM
Thallium, Total	0.00023	J	mg/l	0.00100	0.00014	1	01/09/20 10:53	01/09/20 21:42	1,6020B	AM
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	01/09/20 10:53	01/09/20 21:42	1,6020B	AM
Zinc, Total	ND		mg/l	0.01000	0.00341	1	01/09/20 10:53	01/09/20 21:42	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1328390-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	01/09/20 11:04	01/09/20 17:04	1,7470A	AL

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2000844
Report Date: 01/20/20

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 02-04,06 Batch: WG1328413-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	01/09/20 12:20	01/09/20 19:01	1,7470A	AL

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1328421-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	01/09/20 12:40	01/10/20 00:59	1,6020B	AM
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	01/09/20 12:40	01/10/20 00:59	1,6020B	AM
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	01/09/20 12:40	01/10/20 00:59	1,6020B	AM
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	01/09/20 12:40	01/10/20 00:59	1,6020B	AM
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	01/09/20 12:40	01/10/20 00:59	1,6020B	AM
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	01/09/20 12:40	01/10/20 00:59	1,6020B	AM
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	01/09/20 12:40	01/10/20 00:59	1,6020B	AM
Chromium, Dissolved	0.00059	J	mg/l	0.00100	0.00017	1	01/09/20 12:40	01/10/20 00:59	1,6020B	AM
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	01/09/20 12:40	01/10/20 00:59	1,6020B	AM
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	01/09/20 12:40	01/10/20 00:59	1,6020B	AM
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	01/09/20 12:40	01/10/20 00:59	1,6020B	AM
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	01/09/20 12:40	01/10/20 00:59	1,6020B	AM
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	01/09/20 12:40	01/10/20 00:59	1,6020B	AM
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	01/09/20 12:40	01/10/20 00:59	1,6020B	AM
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	01/09/20 12:40	01/10/20 00:59	1,6020B	AM
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	01/09/20 12:40	01/10/20 00:59	1,6020B	AM
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	01/09/20 12:40	01/10/20 00:59	1,6020B	AM
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	01/09/20 12:40	01/10/20 00:59	1,6020B	AM
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	01/09/20 12:40	01/10/20 00:59	1,6020B	AM
Thallium, Dissolved	0.00026	J	mg/l	0.00100	0.00014	1	01/09/20 12:40	01/10/20 00:59	1,6020B	AM

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Method Blank Analysis
Batch Quality Control

Vanadium, Dissolved	ND	mg/l	0.00500	0.00157	1	01/09/20 12:40	01/10/20 00:59	1,6020B	AM
Zinc, Dissolved	ND	mg/l	0.01000	0.00341	1	01/09/20 12:40	01/10/20 00:59	1,6020B	AM

Prep Information

Digestion Method: EPA 3005A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000844

Report Date: 01/20/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-04,06 Batch: WG1328382-2								
Aluminum, Total	106		-		80-120	-		
Antimony, Total	82		-		80-120	-		
Arsenic, Total	111		-		80-120	-		
Barium, Total	106		-		80-120	-		
Beryllium, Total	104		-		80-120	-		
Cadmium, Total	107		-		80-120	-		
Calcium, Total	114		-		80-120	-		
Chromium, Total	107		-		80-120	-		
Cobalt, Total	102		-		80-120	-		
Copper, Total	97		-		80-120	-		
Iron, Total	114		-		80-120	-		
Lead, Total	109		-		80-120	-		
Magnesium, Total	110		-		80-120	-		
Manganese, Total	106		-		80-120	-		
Nickel, Total	108		-		80-120	-		
Potassium, Total	108		-		80-120	-		
Selenium, Total	118		-		80-120	-		
Silver, Total	101		-		80-120	-		
Sodium, Total	106		-		80-120	-		
Thallium, Total	108		-		80-120	-		
Vanadium, Total	108		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000844

Report Date: 01/20/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-04,06 Batch: WG1328382-2					
Zinc, Total	110	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1328390-2					
Mercury, Dissolved	110	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 02-04,06 Batch: WG1328413-2					
Mercury, Total	105	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000844

Report Date: 01/20/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1328421-2					
Aluminum, Dissolved	98	-	80-120	-	
Antimony, Dissolved	82	-	80-120	-	
Arsenic, Dissolved	98	-	80-120	-	
Barium, Dissolved	99	-	80-120	-	
Beryllium, Dissolved	97	-	80-120	-	
Cadmium, Dissolved	102	-	80-120	-	
Calcium, Dissolved	114	-	80-120	-	
Chromium, Dissolved	101	-	80-120	-	
Cobalt, Dissolved	96	-	80-120	-	
Copper, Dissolved	93	-	80-120	-	
Iron, Dissolved	115	-	80-120	-	
Lead, Dissolved	96	-	80-120	-	
Magnesium, Dissolved	110	-	80-120	-	
Manganese, Dissolved	101	-	80-120	-	
Nickel, Dissolved	100	-	80-120	-	
Potassium, Dissolved	106	-	80-120	-	
Selenium, Dissolved	98	-	80-120	-	
Silver, Dissolved	96	-	80-120	-	
Sodium, Dissolved	108	-	80-120	-	
Thallium, Dissolved	96	-	80-120	-	
Vanadium, Dissolved	101	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000844

Report Date: 01/20/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1328421-2					
Zinc, Dissolved	102	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-04,06 QC Batch ID: WG1328382-3 QC Sample: L2000638-20 Client ID: MS Sample												
Aluminum, Total	0.998	2	3.73	**137**	Q	-	-		75-125	-		20
Antimony, Total	0.00155J	0.5	0.4331	87		-	-		75-125	-		20
Arsenic, Total	0.00158	0.12	0.1346	111		-	-		75-125	-		20
Barium, Total	0.1825	2	2.320	107		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.05281	106		-	-		75-125	-		20
Cadmium, Total	0.00013J	0.051	0.05476	107		-	-		75-125	-		20
Calcium, Total	162.	10	176	**140**	Q	-	-		75-125	-		20
Chromium, Total	0.00328	0.2	0.2205	109		-	-		75-125	-		20
Cobalt, Total	0.00200	0.5	0.5150	102		-	-		75-125	-		20
Copper, Total	0.00450	0.25	0.2458	96		-	-		75-125	-		20
Iron, Total	2.44	1	4.65	**221**	Q	-	-		75-125	-		20
Lead, Total	0.05520	0.51	0.6238	111		-	-		75-125	-		20
Magnesium, Total	19.5	10	31.1	116		-	-		75-125	-		20
Manganese, Total	0.5268	0.5	1.085	112		-	-		75-125	-		20
Nickel, Total	0.00329	0.5	0.5282	105		-	-		75-125	-		20
Potassium, Total	10.5	10	21.3	108		-	-		75-125	-		20
Selenium, Total	0.00205J	0.12	0.136	113		-	-		75-125	-		20
Silver, Total	ND	0.05	0.05132	103		-	-		75-125	-		20
Sodium, Total	94.9	10	105	101		-	-		75-125	-		20
Thallium, Total	0.00035J	0.12	0.1466	122		-	-		75-125	-		20
Vanadium, Total	0.00583	0.5	0.5561	110		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-04,06 QC Batch ID: WG1328382-3 QC Sample: L2000638-20 Client ID: MS Sample									
Zinc, Total	0.04614	0.5	0.6006	111	-	-	75-125	-	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1328390-3 QC Sample: L2000848-01 Client ID: MS Sample									
Mercury, Dissolved	ND	0.005	0.00499	100	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 02-04,06 QC Batch ID: WG1328413-3 QC Sample: L2000638-20 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00510	102	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1328421-3 QC Sample: L2000638-20 Client ID: MS Sample										
Aluminum, Dissolved	0.00775J	2	1.95	98		-	-	75-125	-	20
Antimony, Dissolved	0.00157J	0.5	0.4070	81		-	-	75-125	-	20
Arsenic, Dissolved	0.00087	0.12	0.1157	96		-	-	75-125	-	20
Barium, Dissolved	0.1556	2	2.122	98		-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.04794	96		-	-	75-125	-	20
Cadmium, Dissolved	ND	0.051	0.05057	99		-	-	75-125	-	20
Calcium, Dissolved	160.	10	170	100		-	-	75-125	-	20
Chromium, Dissolved	0.00099J	0.2	0.1966	98		-	-	75-125	-	20
Cobalt, Dissolved	0.00131	0.5	0.4794	96		-	-	75-125	-	20
Copper, Dissolved	0.00147	0.25	0.2278	90		-	-	75-125	-	20
Iron, Dissolved	1.20	1	2.34	114		-	-	75-125	-	20
Lead, Dissolved	ND	0.51	0.4663	91		-	-	75-125	-	20
Magnesium, Dissolved	19.5	10	30.2	107		-	-	75-125	-	20
Manganese, Dissolved	0.4810	0.5	0.9634	96		-	-	75-125	-	20
Nickel, Dissolved	0.00217	0.5	0.4940	98		-	-	75-125	-	20
Potassium, Dissolved	10.5	10	21.3	108		-	-	75-125	-	20
Selenium, Dissolved	ND	0.12	0.112	93		-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.04736	95		-	-	75-125	-	20
Sodium, Dissolved	95.8	10	103	**72**	Q	-	-	75-125	-	20
Thallium, Dissolved	0.00016J	0.12	0.1109	92		-	-	75-125	-	20
Vanadium, Dissolved	ND	0.5	0.4991	100		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1328421-3 QC Sample: L2000638-20 Client ID: MS Sample									
Zinc, Dissolved	0.01040	0.5	0.5208	102	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-04,06 QC Batch ID: WG1328382-4 QC Sample: L2000638-20 Client ID: DUP Sample						
Aluminum, Total	0.998	2.56	mg/l	**88**	Q	20
Antimony, Total	0.00155J	0.00310J	mg/l	NC		20
Arsenic, Total	0.00158	0.00245	mg/l	**43**	Q	20
Barium, Total	0.1825	0.2234	mg/l	20		20
Beryllium, Total	ND	0.00014J	mg/l	NC		20
Cadmium, Total	0.00013J	0.00019J	mg/l	NC		20
Calcium, Total	162.	159	mg/l	2		20
Chromium, Total	0.00328	0.00843	mg/l	**88**	Q	20
Cobalt, Total	0.00200	0.00303	mg/l	**41**	Q	20
Copper, Total	0.00450	0.01252	mg/l	**94**	Q	20
Iron, Total	2.44	4.98	mg/l	**68**	Q	20
Lead, Total	0.05520	0.06241	mg/l	12		20
Magnesium, Total	19.5	19.5	mg/l	0		20
Manganese, Total	0.5268	0.5460	mg/l	4		20
Nickel, Total	0.00329	0.00638	mg/l	**64**	Q	20
Potassium, Total	10.5	10.5	mg/l	0		20
Selenium, Total	0.00205J	0.00190J	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Sodium, Total	94.9	93.1	mg/l	2		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 02-04,06 QC Batch ID: WG1328382-4 QC Sample: L2000638-20 Client ID: DUP Sample						
Thallium, Total	0.00035J	0.00068J	mg/l	NC		20
Vanadium, Total	0.00583	0.00911	mg/l	**44**	Q	20
Zinc, Total	0.04614	0.07565	mg/l	**48**	Q	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1328390-4 QC Sample: L2000848-01 Client ID: DUP Sample						
Mercury, Dissolved	ND	ND	mg/l	NC		20
Total Metals - Mansfield Lab Associated sample(s): 02-04,06 QC Batch ID: WG1328413-4 QC Sample: L2000638-20 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/l	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Parameter	Native Sample	Duplicate Sample	Units	RPD		RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1328421-4 QC Sample: L2000638-20 Client ID: DUP Sample						
Aluminum, Dissolved	0.00775J	0.00678J	mg/l	NC		20
Antimony, Dissolved	0.00157J	0.00307J	mg/l	NC		20
Arsenic, Dissolved	0.00087	0.00067	mg/l	**26**	Q	20
Barium, Dissolved	0.1556	0.1495	mg/l	4		20
Beryllium, Dissolved	ND	ND	mg/l	NC		20
Cadmium, Dissolved	ND	ND	mg/l	NC		20
Calcium, Dissolved	160.	156	mg/l	3		20
Chromium, Dissolved	0.00099J	0.00091J	mg/l	NC		20
Cobalt, Dissolved	0.00131	0.00126	mg/l	4		20
Copper, Dissolved	0.00147	0.00131	mg/l	12		20
Iron, Dissolved	1.20	1.13	mg/l	6		20
Lead, Dissolved	ND	ND	mg/l	NC		20
Magnesium, Dissolved	19.5	18.7	mg/l	4		20
Manganese, Dissolved	0.4810	0.4523	mg/l	6		20
Nickel, Dissolved	0.00217	0.00197J	mg/l	NC		20
Potassium, Dissolved	10.5	10.2	mg/l	3		20
Selenium, Dissolved	ND	ND	mg/l	NC		20
Silver, Dissolved	ND	ND	mg/l	NC		20
Sodium, Dissolved	95.8	92.3	mg/l	4		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2000844

Report Date: 01/20/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1328421-4 QC Sample: L2000638-20 Client ID: DUP Sample					
Thallium, Dissolved	0.00016J	0.00028J	mg/l	NC	20
Vanadium, Dissolved	ND	ND	mg/l	NC	20
Zinc, Dissolved	0.01040	0.00736J	mg/l	NC	20

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2000844-01A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2000844-01B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2000844-01C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2000844-01D	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(7)
L2000844-01E	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(7)
L2000844-01F	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(7)
L2000844-01G	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(7)
L2000844-01H	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2000844-01I	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2000844-01J	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		CU-6020S(180),SE-6020S(180),V-6020S(180),K-6020S(180),MN-6020S(180),BE-6020S(180),ZN-6020S(180),CO-6020S(180),MG-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),NI-6020S(180),NA-6020S(180),TL-6020S(180),PB-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),CD-6020S(180),AL-6020S(180),HG-S(28)
L2000844-02A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2000844-02B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2000844-02C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2000844-02D	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(7)
L2000844-02E	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(7)
L2000844-02F	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(7)
L2000844-02G	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(7)
L2000844-02H	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)

*Values in parentheses indicate holding time in days

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2000844-02I	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2000844-02J	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		K-6020S(180),SE-6020S(180),V-6020S(180),CU-6020S(180),MN-6020S(180),MG-6020S(180),BE-6020S(180),CO-6020S(180),ZN-6020S(180),CR-6020S(180),FE-6020S(180),CA-6020S(180),NA-6020S(180),NI-6020S(180),TL-6020S(180),PB-6020S(180),BA-6020S(180),SB-6020S(180),AG-6020S(180),AS-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2000844-02K	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		TL-6020T(180),FE-6020T(180),BA-6020T(180),SE-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),ZN-6020T(180),NA-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),AG-6020T(180),AL-6020T(180),CD-6020T(180),MG-6020T(180),HG-T(28),CO-6020T(180)
L2000844-03A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2000844-03B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2000844-03C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2000844-03D	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(7)
L2000844-03E	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(7)
L2000844-03F	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(7)
L2000844-03G	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(7)
L2000844-03H	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2000844-03I	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2000844-03J	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		V-6020S(180),SE-6020S(180),K-6020S(180),CU-6020S(180),MN-6020S(180),BE-6020S(180),MG-6020S(180),CO-6020S(180),ZN-6020S(180),FE-6020S(180),CA-6020S(180),CR-6020S(180),PB-6020S(180),BA-6020S(180),TL-6020S(180),NI-6020S(180),NA-6020S(180),AS-6020S(180),SB-6020S(180),AG-6020S(180),CD-6020S(180),AL-6020S(180),HG-S(28)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2000844-03K	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		TL-6020T(180),FE-6020T(180),SE-6020T(180),BA-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2000844-04A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2000844-04B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2000844-04C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2000844-04D	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(7)
L2000844-04E	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(7)
L2000844-04F	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(7)
L2000844-04G	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(7)
L2000844-04H	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2000844-04I	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2000844-04J	Plastic 250ml HNO3 preserved	A	7	<2	3.1	N	Absent		V-6020S(180),CU-6020S(180),K-6020S(180),SE-6020S(180),MN-6020S(180),ZN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),CA-6020S(180),FE-6020S(180),CR-6020S(180),NI-6020S(180),NA-6020S(180),TL-6020S(180),BA-6020S(180),PB-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),HG-S(28),CD-6020S(180)
L2000844-04K	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		SE-6020T(180),FE-6020T(180),TL-6020T(180),BA-6020T(180),NI-6020T(180),K-6020T(180),CA-6020T(180),CR-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),MG-6020T(180),CD-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),CO-6020T(180)
L2000844-05A	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2000844-06A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2000844-06B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2000844
Report Date: 01/20/20

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2000844-06C	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14)
L2000844-06D	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(7)
L2000844-06E	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(7)
L2000844-06F	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(7)
L2000844-06G	Amber 120ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8081(7),NYTCL-8082-LVI(7)
L2000844-06H	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2000844-06I	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2000844-06J	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2000844-06K	Amber 250ml unpreserved	A	7	7	3.1	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2000844-06L	Plastic 250ml HNO3 preserved	A	<2	<2	3.1	Y	Absent		SE-6020T(180),BA-6020T(180),TL-6020T(180),FE-6020T(180),CA-6020T(180),K-6020T(180),CR-6020T(180),NI-6020T(180),NA-6020T(180),ZN-6020T(180),CU-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),V-6020T(180),SB-6020T(180),AS-6020T(180),CD-6020T(180),AG-6020T(180),AL-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2000844-07A	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14),ARCHIVE()
L2000844-07B	Vial HCl preserved	A	NA		3.1	Y	Absent		NYTCL-8260(14),ARCHIVE()

*Values in parentheses indicate holding time in days

Project Name:	205 PARK AVE	**Lab Number:**	L2000844
Project Number:	12.0076834.10	**Report Date:**	01/20/20

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: DU Report with 'J' Qualifiers

Project Name:	205 PARK AVE	**Lab Number:**	L2000844
Project Number:	12.0076834.10	**Report Date:**	01/20/20

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

Terms

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

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

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

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

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

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

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

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

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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

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

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration

Report Format: DU Report with 'J' Qualifiers

Project Name:	205 PARK AVE	**Lab Number:**	L2000844
Project Number:	12.0076834.10	**Report Date:**	01/20/20

Data Qualifiers

Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	205 PARK AVE	**Lab Number:**	L2000844
Project Number:	12.0076834.10	**Report Date:**	01/20/20

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

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

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

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320 Forbes Blvd
TEL: 508-822-9300
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Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 1/9/20

ALPHA Job #: L2000841

Client Information

Client: GZA
Address: 55 Lane Rd, Fairfield, NJ 07004
Phone: 973-774-3300
Fax:
Email: Zhan.Shu@gza.com

Project Information

Project Name: 205 Park Ave
Project Location: Brooklyn, NY
Project #: 12.0076834.10
(Use Project name as Project #) ☐
Project Manager: Zhan Shu
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☒ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☐ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

X = Run

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL Volatiles - EPA 524.2 (LVOC)	NYTCL Semivolatiles - EPA 8270D(LVI)	TCL Pesticides - EPA 8081B	TCL PCBs - EPA 8082A(LVI)	Total TAL Metals (LVOC) Hg (LVI)	Dissolved TAL Metals - (LVOC) Hg (LVI)	1,4-Dioxane - EPA 5030 8260		Sample Specific Comments
00841-01	TW-1	1-8-20	1455	GW	PB	X	X	X	X		X			
-02	TW-2		1445			X	X	X	X	X	X			
-03	TW-3		1335			X	X	X	X	X	X			
-04	DUP1GW(1-8-20)		1400			X	X	X	X	X	X			
-05	DUP2GW(1-8-20)		1450	↓							HA	X		
-06	Field Blank	↓	1520	Blank	↓	X	X	X	X	X	HA	X		

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type											
Preservative											

Relinquished By:	Date/Time	Received By:	Date/Time
	1-8-20 15:55	NEXTPUPS (AAL)	1/8/20 15:55
NEXTPUPS (AAL)	1/8/20 18:05		1/8/20 18:05
	1/8/20 2320		1/8/20 2320

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2001065
Client:	GZA GeoEnvironmental, Inc. 55 Lane Road Suite 407 Fairfield, NJ 07004
ATTN:	Zhan Shu
Phone:	(201) 744-0118
Project Name:	205 PARK AVE
Project Number:	12.0076834.10
Report Date:	01/17/20

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Six Park Row, Mansfield, MA 02048
508-261-7467 (Fax) -- -- - emccarter@mansfieldma.com

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2001065
Report Date: 01/17/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2001065-01	SG-1 (20-21')	SOIL_VAPOR	BROOKLYN, NY	01/09/20 12:23	01/09/20
L2001065-02	SG-2 (20-21')	SOIL_VAPOR	BROOKLYN, NY	01/09/20 12:20	01/09/20
L2001065-03	SG-8 (20-21')	SOIL_VAPOR	BROOKLYN, NY	01/09/20 13:24	01/09/20
L2001065-04	DUP 1 SG (1-8-20) 20-21'	SOIL_VAPOR	BROOKLYN, NY	01/08/20 14:33	01/09/20
L2001065-05	UNUSED CAN #762	SOIL_VAPOR	BROOKLYN, NY		01/09/20

Project Name:	205 PARK AVE	**Lab Number:**	L2001065
Project Number:	12.0076834.10	**Report Date:**	01/17/20

Case Narrative

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

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

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

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

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

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

Project Name:	205 PARK AVE	**Lab Number:**	L2001065
Project Number:	12.0076834.10	**Report Date:**	01/17/20

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on January 3, 2020. The canister certification results are provided as an addendum.

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

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 01/17/20

AIR

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2001065
Report Date: 01/17/20

SAMPLE RESULTS

Lab ID: L2001065-01
Client ID: SG-1 (20-21')
Sample Location: BROOKLYN, NY

Date Collected: 01/09/20 12:23
Date Received: 01/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 01/16/20 21:50
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.482	0.200	--	2.38	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.776	0.200	--	1.72	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	39.9	1.00	--	94.8	2.38	--		1
Trichlorofluoromethane	0.255	0.200	--	1.43	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.677	0.200	--	2.11	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.978	0.500	--	2.88	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2001065
Report Date: 01/17/20

SAMPLE RESULTS

Lab ID: L2001065-01
Client ID: SG-1 (20-21')
Sample Location: BROOKLYN, NY

Date Collected: 01/09/20 12:23
Date Received: 01/09/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	6.80	0.200	--	33.2	0.977	--		1
Tetrahydrofuran	0.965	0.500	--	2.85	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.05	0.200	--	3.70	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.721	0.200	--	2.30	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.236	0.200	--	0.812	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	1.76	0.200	--	9.46	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.548	0.200	--	2.25	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	2.71	0.200	--	10.2	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	16.6	0.200	--	113	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.466	0.200	--	2.02	0.869	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2001065
Report Date: 01/17/20

SAMPLE RESULTS

Lab ID: L2001065-01
Client ID: SG-1 (20-21')
Sample Location: BROOKLYN, NY

Date Collected: 01/09/20 12:23
Date Received: 01/09/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.55	0.400	--	6.73	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.448	0.200	--	1.95	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.298	0.200	--	1.47	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	100		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	100		60-140

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2001065
Report Date: 01/17/20

SAMPLE RESULTS

Lab ID: L2001065-02
Client ID: SG-2 (20-21')
Sample Location: BROOKLYN, NY

Date Collected: 01/09/20 12:20
Date Received: 01/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 01/16/20 22:30
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.454	0.200	--	2.24	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.359	0.200	--	0.794	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	5.27	5.00	--	9.93	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	67.8	1.00	--	161	2.38	--		1
Trichlorofluoromethane	0.301	0.200	--	1.69	1.12	--		1
Isopropanol	0.880	0.500	--	2.16	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	1.17	0.500	--	3.55	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.366	0.200	--	1.14	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.31	0.500	--	3.86	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2001065
Report Date: 01/17/20

SAMPLE RESULTS

Lab ID: L2001065-02
Client ID: SG-2 (20-21')
Sample Location: BROOKLYN, NY

Date Collected: 01/09/20 12:20
Date Received: 01/09/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.659	0.200	--	3.22	0.977	--		1
Tetrahydrofuran	1.19	0.500	--	3.51	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.979	0.200	--	3.45	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.644	0.200	--	2.06	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	0.298	0.200	--	1.60	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.496	0.200	--	2.03	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	2.12	0.200	--	7.99	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	6.17	0.200	--	41.8	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.293	0.200	--	1.27	0.869	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2001065
Report Date: 01/17/20

SAMPLE RESULTS

Lab ID: L2001065-02
Client ID: SG-2 (20-21')
Sample Location: BROOKLYN, NY

Date Collected: 01/09/20 12:20
Date Received: 01/09/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.00	0.400	--	4.34	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.301	0.200	--	1.31	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.386	0.200	--	1.90	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	100		60-140

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2001065
Report Date: 01/17/20

SAMPLE RESULTS

Lab ID: L2001065-03
Client ID: SG-8 (20-21')
Sample Location: BROOKLYN, NY

Date Collected: 01/09/20 13:24
Date Received: 01/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 01/16/20 23:10
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.553	0.200	--	2.73	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	1.74	0.200	--	3.85	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	130	1.00	--	309	2.38	--		1
Trichlorofluoromethane	0.352	0.200	--	1.98	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.457	0.200	--	1.42	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	0.349	0.200	--	1.41	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	3.25	0.500	--	9.59	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2001065
Report Date: 01/17/20

SAMPLE RESULTS

Lab ID: L2001065-03
Client ID: SG-8 (20-21')
Sample Location: BROOKLYN, NY

Date Collected: 01/09/20 13:24
Date Received: 01/09/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	59.0	0.200	--	288	0.977	--		1
Tetrahydrofuran	0.772	0.500	--	2.28	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.58	0.200	--	5.57	0.705	--		1
1,1,1-Trichloroethane	0.467	0.200	--	2.55	1.09	--		1
Benzene	1.02	0.200	--	3.26	0.639	--		1
Carbon tetrachloride	0.834	0.200	--	5.25	1.26	--		1
Cyclohexane	0.267	0.200	--	0.919	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	2.11	0.200	--	11.3	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.813	0.200	--	3.33	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	3.42	0.200	--	12.9	0.754	--		1
2-Hexanone	0.205	0.200	--	0.840	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	26.7	0.200	--	181	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.708	0.200	--	3.08	0.869	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2001065
Report Date: 01/17/20

SAMPLE RESULTS

Lab ID: L2001065-03
Client ID: SG-8 (20-21')
Sample Location: BROOKLYN, NY

Date Collected: 01/09/20 13:24
Date Received: 01/09/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	2.50	0.400	--	10.9	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.794	0.200	--	3.45	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.532	0.200	--	2.62	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	99		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	100		60-140

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2001065
Report Date: 01/17/20

SAMPLE RESULTS

Lab ID: L2001065-04
Client ID: DUP 1 SG (1-8-20) 20-21'
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 14:33
Date Received: 01/09/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 01/16/20 23:50
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.625	0.200	--	3.09	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.376	0.200	--	0.832	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	9.68	5.00	--	18.2	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	60.6	1.00	--	144	2.38	--		1
Trichlorofluoromethane	0.375	0.200	--	2.11	1.12	--		1
Isopropanol	1.22	0.500	--	3.00	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	1.58	0.500	--	4.79	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.449	0.200	--	1.40	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.76	0.500	--	5.19	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2001065
Report Date: 01/17/20

SAMPLE RESULTS

Lab ID: L2001065-04
Client ID: DUP 1 SG (1-8-20) 20-21'
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 14:33
Date Received: 01/09/20
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	3.26	0.200	--	15.9	0.977	--		1
Tetrahydrofuran	1.62	0.500	--	4.78	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.755	0.200	--	2.66	0.705	--		1
1,1,1-Trichloroethane	0.206	0.200	--	1.12	1.09	--		1
Benzene	0.576	0.200	--	1.84	0.639	--		1
Carbon tetrachloride	0.221	0.200	--	1.39	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	2.12	0.200	--	11.4	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.449	0.200	--	1.84	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	2.36	0.200	--	8.89	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	30.8	0.200	--	209	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.512	0.200	--	2.22	0.869	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2001065
Report Date: 01/17/20

SAMPLE RESULTS

Lab ID: L2001065-04
Client ID: DUP 1 SG (1-8-20) 20-21'
Sample Location: BROOKLYN, NY

Date Collected: 01/08/20 14:33
Date Received: 01/09/20
Field Prep: Not Specified

Sample Depth:

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.70	0.400	--	7.38	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.509	0.200	--	2.21	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.625	0.200	--	3.07	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	0.313	0.200	--	1.88	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	97		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	99		60-140

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2001065
Report Date: 01/17/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/16/20 14:56

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG1330957-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2001065
Report Date: 01/17/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/16/20 14:56

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG1330957-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2001065
Report Date: 01/17/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/16/20 14:56

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-04 Batch: WG1330957-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2001065
Report Date: 01/17/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG1330957-3								
Dichlorodifluoromethane	101		-		70-130	-		
Chloromethane	84		-		70-130	-		
Freon-114	97		-		70-130	-		
Vinyl chloride	94		-		70-130	-		
1,3-Butadiene	97		-		70-130	-		
Bromomethane	90		-		70-130	-		
Chloroethane	91		-		70-130	-		
Ethanol	98		-		40-160	-		
Vinyl bromide	80		-		70-130	-		
Acetone	77		-		40-160	-		
Trichlorofluoromethane	95		-		70-130	-		
Isopropanol	75		-		40-160	-		
1,1-Dichloroethene	98		-		70-130	-		
Tertiary butyl Alcohol	87		-		70-130	-		
Methylene chloride	87		-		70-130	-		
3-Chloropropene	85		-		70-130	-		
Carbon disulfide	80		-		70-130	-		
Freon-113	86		-		70-130	-		
trans-1,2-Dichloroethene	88		-		70-130	-		
1,1-Dichloroethane	95		-		70-130	-		
Methyl tert butyl ether	96		-		70-130	-		
2-Butanone	92		-		70-130	-		
cis-1,2-Dichloroethene	103		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2001065

Report Date: 01/17/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG1330957-3								
Ethyl Acetate	104		-		70-130	-		
Chloroform	117		-		70-130	-		
Tetrahydrofuran	88		-		70-130	-		
1,2-Dichloroethane	109		-		70-130	-		
n-Hexane	111		-		70-130	-		
1,1,1-Trichloroethane	108		-		70-130	-		
Benzene	113		-		70-130	-		
Carbon tetrachloride	124		-		70-130	-		
Cyclohexane	115		-		70-130	-		
1,2-Dichloropropane	98		-		70-130	-		
Bromodichloromethane	122		-		70-130	-		
1,4-Dioxane	116		-		70-130	-		
Trichloroethene	102		-		70-130	-		
2,2,4-Trimethylpentane	121		-		70-130	-		
Heptane	95		-		70-130	-		
cis-1,3-Dichloropropene	114		-		70-130	-		
4-Methyl-2-pentanone	100		-		70-130	-		
trans-1,3-Dichloropropene	99		-		70-130	-		
1,1,2-Trichloroethane	106		-		70-130	-		
Toluene	92		-		70-130	-		
2-Hexanone	104		-		70-130	-		
Dibromochloromethane	103		-		70-130	-		
1,2-Dibromoethane	103		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2001065

Report Date: 01/17/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-04 Batch: WG1330957-3								
Tetrachloroethene	93		-		70-130	-		
Chlorobenzene	103		-		70-130	-		
Ethylbenzene	98		-		70-130	-		
p/m-Xylene	98		-		70-130	-		
Bromoform	103		-		70-130	-		
Styrene	103		-		70-130	-		
1,1,2,2-Tetrachloroethane	110		-		70-130	-		
o-Xylene	99		-		70-130	-		
4-Ethyltoluene	98		-		70-130	-		
1,3,5-Trimethylbenzene	72		-		70-130	-		
1,2,4-Trimethylbenzene	107		-		70-130	-		
Benzyl chloride	113		-		70-130	-		
1,3-Dichlorobenzene	109		-		70-130	-		
1,4-Dichlorobenzene	111		-		70-130	-		
1,2-Dichlorobenzene	109		-		70-130	-		
1,2,4-Trichlorobenzene	113		-		70-130	-		
Hexachlorobutadiene	104		-		70-130	-		

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2001065

Report Date: 01/17/20

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2001065-01	SG-1 (20-21')	0396	Flow 2	01/03/20	310722		-	-	-	Pass	40.0	40.0	0
L2001065-01	SG-1 (20-21')	3256	6.0L Can	01/03/20	310722	L1961875-03	Pass	-29.2	0.0	-	-	-	-
L2001065-02	SG-2 (20-21')	01436	Flow 2	01/03/20	310722		-	-	-	Pass	40.0	58.1	37
L2001065-02	SG-2 (20-21')	2881	6.0L Can	01/03/20	310722	L1961875-03	Pass	-29.1	-1.4	-	-	-	-
L2001065-03	SG-8 (20-21')	0109	Flow 4	01/03/20	310722		-	-	-	Pass	40.0	47.9	18
L2001065-03	SG-8 (20-21')	2675	6.0L Can	01/03/20	310722	L1961875-02	Pass	-29.1	-2.4	-	-	-	-
L2001065-04	DUP 1 SG (1-8-20) 20-21'	0714	Flow 3	01/03/20	310722		-	-	-	Pass	40.0	42.0	5
L2001065-04	DUP 1 SG (1-8-20) 20-21'	2829	6.0L Can	01/03/20	310722	L1961875-03	Pass	-29.1	-3.4	-	-	-	-
L2001065-05	UNUSED CAN #762	0454	Flow 3	01/03/20	310722		-	-	-	Pass	40.0	31.2	25
L2001065-05	UNUSED CAN #762	762	6.0L Can	01/03/20	310722	L1961875-03	Pass	-29.2	-29.8	-	-	-	-

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

Lab Number: L1961875
Report Date: 01/17/20

Air Canister Certification Results

Lab ID: L1961875-02
Client ID: CAN 2641 SHELF 57
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 12/30/19 20:35
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1961875
Report Date: 01/17/20

Air Canister Certification Results

Lab ID: L1961875-02
Client ID: CAN 2641 SHELF 57
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1961875
Report Date: 01/17/20

Air Canister Certification Results

Lab ID: L1961875-02
Client ID: CAN 2641 SHELF 57
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1961875
Report Date: 01/17/20

Air Canister Certification Results

Lab ID: L1961875-02
Client ID: CAN 2641 SHELF 57
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1961875
Report Date: 01/17/20

Air Canister Certification Results

Lab ID: L1961875-02
Client ID: CAN 2641 SHELF 57
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:

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

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	91		60-140

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

Lab Number: L1961875
Report Date: 01/17/20

Air Canister Certification Results

Lab ID: L1961875-02
Client ID: CAN 2641 SHELF 57
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 12/30/19 20:35
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1961875
Report Date: 01/17/20

Air Canister Certification Results

Lab ID: L1961875-02
Client ID: CAN 2641 SHELF 57
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1961875
Report Date: 01/17/20

Air Canister Certification Results

Lab ID: L1961875-02
Client ID: CAN 2641 SHELF 57
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	93		60-140

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

Lab Number: L1961875
Report Date: 01/17/20

Air Canister Certification Results

Lab ID: L1961875-03
Client ID: CAN 2483 SHELF 58
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 12/30/19 21:15
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1961875
Report Date: 01/17/20

Air Canister Certification Results

Lab ID: L1961875-03
Client ID: CAN 2483 SHELF 58
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1961875
Report Date: 01/17/20

Air Canister Certification Results

Lab ID: L1961875-03
Client ID: CAN 2483 SHELF 58
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1961875
Report Date: 01/17/20

Air Canister Certification Results

Lab ID: L1961875-03
Client ID: CAN 2483 SHELF 58
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1961875
Report Date: 01/17/20

Air Canister Certification Results

Lab ID: L1961875-03
Client ID: CAN 2483 SHELF 58
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:

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

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	91		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	91		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1961875
Report Date: 01/17/20

Air Canister Certification Results

Lab ID: L1961875-03
Client ID: CAN 2483 SHELF 58
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 12/30/19 21:15
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L1961875
Report Date: 01/17/20

Air Canister Certification Results

Lab ID: L1961875-03
Client ID: CAN 2483 SHELF 58
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L1961875

Project Number: CANISTER QC BAT **Report Date:** 01/17/20

Air Canister Certification Results

Lab ID: L1961875-03
Client ID: CAN 2483 SHELF 58
Sample Location:

Date Collected: 12/27/19 16:00
Date Received: 12/30/19
Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	92		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	92		60-140

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2001065
Report Date: 01/17/20

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2001065-01A	Canister - 6 Liter	NA	NA			Y	Present/Intact		TO15-LL(30)
L2001065-02A	Canister - 6 Liter	NA	NA			Y	Present/Intact		TO15-LL(30)
L2001065-03A	Canister - 6 Liter	NA	NA			Y	Present/Intact		TO15-LL(30)
L2001065-04A	Canister - 6 Liter	NA	NA			Y	Present/Intact		TO15-LL(30)
L2001065-05A	Canister - 6 Liter	NA	NA			Y	Present/Intact		CLEAN-FEE()

*Values in parentheses indicate holding time in days

Project Name:	205 PARK AVE	**Lab Number:**	L2001065
Project Number:	12.0076834.10	**Report Date:**	01/17/20

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Footnotes

Report Format: Data Usability Report

Project Name:	205 PARK AVE	**Lab Number:**	L2001065
Project Number:	12.0076834.10	**Report Date:**	01/17/20

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

Terms

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

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

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

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

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

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

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. If a 'Total' result is requested, the results of its individual components will also be reported.

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

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

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

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

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

Report Format: Data Usability Report

Project Name:	205 PARK AVE	**Lab Number:**	L2001065
Project Number:	12.0076834.10	**Report Date:**	01/17/20

Data Qualifiers

than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: Data Usability Report

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

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

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

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

AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

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

Date Rec'd in Lab: 1/10/20

ALPHA Job #: L2001065

Client Information

Client: GZA
Address: 55 Lane Rd Suite 407
Fairfield, NJ 07004
Phone: 973-774-3300
Fax:
Email: zhan.shu@gza.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 205 Park Ave
Project Location: Brooklyn, NY
Project #: 12.0076834.10
Project Manager: Zhan Shu
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due: Time:

Report Information - Data Deliverables

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

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH	Fixed Gases	Sulfides & Mercaptans by TO-15	☐	Sample Comments (i.e. PID)
01065-01	SG-1 (20-21')	1-9-20	1008	1223	-31.74	-4.04	SV	PB	6L	3256	0396	X						
02	SG-2 (20-21')	1-9-20	1047	1220	-31.11	-2.77	SV	PB	6L	2881	01436	X						
03	SG-8 (20-21')	1-9-20	1130	1324	-31.23	-3.92	SV	PB	6L	2675	0109	X						
04	DUP 1 SG(1-8-20) 20-21'	1-8-20	1229	1433	-30.41	-4.51	SV	PB	6L	2829	0714	X						

*SAMPLE MATRIX CODES

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

Container Type

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

Relinquished By:	Date/Time:	Received By:	Date/Time:
[illegible] - AAL - 1/9/20	1-9-20/ 17:10	[illegible] - AAL - 1/9/20	15:55
7/10 0300		[illegible]	1/10/20 0300

Form No: 101-02 Rev: (25-Sep-15)

ANALYTICAL REPORT

Lab Number:	L2055577
Client:	GZA GeoEnvironmental, Inc. 55 Lane Road Suite 407 Fairfield, NJ 07004
ATTN:	Zhan Shu
Phone:	(201) 744-0118
Project Name:	PARK AVE
Project Number:	12.00
Report Date:	12/23/20

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: PARK AVE
Project Number: 12.00

Lab Number: L2055577
Report Date: 12/23/20

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2055577-01	PARK AVE 3	SOIL	BROOKLYN, NY	12/11/20 09:45	12/11/20
L2055577-02	PARK AVE 5	SOIL	BROOKLYN, NY	12/11/20 10:15	12/11/20
L2055577-03	PARK AVE 8	SOIL	BROOKLYN, NY	12/11/20 10:45	12/11/20

Project Name:	PARK AVE	**Lab Number:**	L2055577
Project Number:	12.00	**Report Date:**	12/23/20

Case Narrative

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

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

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

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

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

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

Project Name:	PARK AVE	**Lab Number:**	L2055577
Project Number:	12.00	**Report Date:**	12/23/20

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Total Metals

L2055577-01, -02 and -03: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

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

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 12/23/20

ORGANICS

SEMIVOLATILES

Project Name: PARK AVE
Project Number: 12.00
Lab Number: L2055577
Report Date: 12/23/20

SAMPLE RESULTS

Lab ID: L2055577-01
Client ID: PARK AVE 3
Sample Location: BROOKLYN, NY

Date Collected: 12/11/20 09:45
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/20 23:23
Analyst: SZ
Percent Solids: 78%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 22:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	170	22.	1
Fluoranthene	260		ug/kg	130	24.	1
Naphthalene	ND		ug/kg	210	26.	1
Benzo(a)pyrene	120	J	ug/kg	170	52.	1
Benzo(b)fluoranthene	150		ug/kg	130	36.	1
Benzo(k)fluoranthene	55	J	ug/kg	130	34.	1
Chrysene	130		ug/kg	130	22.	1
Acenaphthylene	ND		ug/kg	170	33.	1
Anthracene	46	J	ug/kg	130	41.	1
Benzo(ghi)perylene	84	J	ug/kg	170	25.	1
Fluorene	ND		ug/kg	210	20.	1
Phenanthrene	210		ug/kg	130	26.	1
Indeno(1,2,3-cd)pyrene	80	J	ug/kg	170	30.	1
Pyrene	230		ug/kg	130	21.	1
1-Methylnaphthalene	ND		ug/kg	210	24.	1
2-Methylnaphthalene	ND		ug/kg	250	26.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	93		23-120
2-Fluorobiphenyl	96		30-120
4-Terphenyl-d14	86		18-120

Project Name: PARK AVE
Project Number: 12.00
Lab Number: L2055577
Report Date: 12/23/20

SAMPLE RESULTS

Lab ID: L2055577-02
Client ID: PARK AVE 5
Sample Location: BROOKLYN, NY

Date Collected: 12/11/20 10:15
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/20/20 23:46
Analyst: SZ
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 22:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	120	J	ug/kg	150	19.	1
Fluoranthene	1900		ug/kg	110	22.	1
Naphthalene	100	J	ug/kg	190	23.	1
Benzo(a)pyrene	960		ug/kg	150	46.	1
Benzo(b)fluoranthene	1200		ug/kg	110	32.	1
Benzo(k)fluoranthene	420		ug/kg	110	30.	1
Chrysene	920		ug/kg	110	20.	1
Acenaphthylene	100	J	ug/kg	150	29.	1
Anthracene	300		ug/kg	110	37.	1
Benzo(ghi)perylene	670		ug/kg	150	22.	1
Fluorene	110	J	ug/kg	190	18.	1
Phenanthrene	1200		ug/kg	110	23.	1
Indeno(1,2,3-cd)pyrene	670		ug/kg	150	26.	1
Pyrene	1600		ug/kg	110	19.	1
1-Methylnaphthalene	30	J	ug/kg	190	22.	1
2-Methylnaphthalene	32	J	ug/kg	220	23.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	98		23-120
2-Fluorobiphenyl	95		30-120
4-Terphenyl-d14	78		18-120

Project Name: PARK AVE
Project Number: 12.00
Lab Number: L2055577
Report Date: 12/23/20

SAMPLE RESULTS

Lab ID: L2055577-03
Client ID: PARK AVE 8
Sample Location: BROOKLYN, NY

Date Collected: 12/11/20 10:45
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 12/21/20 00:09
Analyst: SZ
Percent Solids: 79%

Extraction Method: EPA 3546
Extraction Date: 12/19/20 22:15

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	51	J	ug/kg	170	22.	1
Fluoranthene	1000		ug/kg	120	24.	1
Naphthalene	39	J	ug/kg	210	25.	1
Benzo(a)pyrene	520		ug/kg	170	51.	1
Benzo(b)fluoranthene	680		ug/kg	120	35.	1
Benzo(k)fluoranthene	210		ug/kg	120	33.	1
Chrysene	500		ug/kg	120	22.	1
Acenaphthylene	100	J	ug/kg	170	32.	1
Anthracene	160		ug/kg	120	41.	1
Benzo(ghi)perylene	400		ug/kg	170	24.	1
Fluorene	49	J	ug/kg	210	20.	1
Phenanthrene	580		ug/kg	120	25.	1
Indeno(1,2,3-cd)pyrene	390		ug/kg	170	29.	1
Pyrene	860		ug/kg	120	21.	1
1-Methylnaphthalene	ND		ug/kg	210	24.	1
2-Methylnaphthalene	ND		ug/kg	250	25.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	97		30-120
4-Terphenyl-d14	85		18-120

Project Name: PARK AVE
Project Number: 12.00
Lab Number: L2055577
Report Date: 12/23/20

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 12/20/20 19:35
Analyst: SZ

Extraction Method: EPA 3546
Extraction Date: 12/19/20 22:15

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-03 Batch: WG1447257-1					
Acenaphthene	ND		ug/kg	130	17.
Fluoranthene	ND		ug/kg	98	19.
Naphthalene	ND		ug/kg	160	20.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	98	27.
Benzo(k)fluoranthene	ND		ug/kg	98	26.
Chrysene	ND		ug/kg	98	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	98	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	98	20.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	98	16.
1-Methylnaphthalene	ND		ug/kg	160	19.
2-Methylnaphthalene	ND		ug/kg	200	20.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	100		25-120
Phenol-d6	95		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	96		30-120
2,4,6-Tribromophenol	104		10-136
4-Terphenyl-d14	109		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: PARK AVE

Project Number: 12.00

Lab Number: L2055577

Report Date: 12/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1447257-2 WG1447257-3								
Acenaphthene	90		86		31-137	5		50
Fluoranthene	94		88		40-140	7		50
Naphthalene	91		89		40-140	2		50
Benzo(a)pyrene	96		91		40-140	5		50
Benzo(b)fluoranthene	95		93		40-140	2		50
Benzo(k)fluoranthene	93		86		40-140	8		50
Chrysene	91		87		40-140	4		50
Acenaphthylene	96		91		40-140	5		50
Anthracene	97		93		40-140	4		50
Benzo(ghi)perylene	98		92		40-140	6		50
Fluorene	91		87		40-140	4		50
Phenanthrene	93		89		40-140	4		50
Indeno(1,2,3-cd)pyrene	102		89		40-140	14		50
Pyrene	93		91		35-142	2		50
1-Methylnaphthalene	81		77		26-130	5		50
2-Methylnaphthalene	92		87		40-140	6		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: PARK AVE

Project Number: 12.00

Lab Number: L2055577

Report Date: 12/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-03 Batch: WG1447257-2 WG1447257-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	106		102		25-120
Phenol-d6	99		96		10-120
Nitrobenzene-d5	91		87		23-120
2-Fluorobiphenyl	100		93		30-120
2,4,6-Tribromophenol	116		108		10-136
4-Terphenyl-d14	109		104		18-120

METALS

Project Name: PARK AVE
Project Number: 12.00
Lab Number: L2055577
Report Date: 12/23/20

SAMPLE RESULTS

Lab ID: L2055577-01
Client ID: PARK AVE 3
Sample Location: BROOKLYN, NY
Date Collected: 12/11/20 09:45
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 78%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5880		mg/kg	10.1	2.73	2	12/22/20 10:00	12/22/20 19:11	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	5.05	0.384	2	12/22/20 10:00	12/22/20 19:11	EPA 3050B	1,6010D	BV
Arsenic, Total	3.65		mg/kg	1.01	0.210	2	12/22/20 10:00	12/22/20 19:11	EPA 3050B	1,6010D	BV
Barium, Total	53.4		mg/kg	1.01	0.176	2	12/22/20 10:00	12/22/20 19:11	EPA 3050B	1,6010D	BV
Beryllium, Total	0.374	J	mg/kg	0.505	0.033	2	12/22/20 10:00	12/22/20 19:11	EPA 3050B	1,6010D	BV
Cadmium, Total	0.364	J	mg/kg	1.01	0.099	2	12/22/20 10:00	12/22/20 19:11	EPA 3050B	1,6010D	BV
Calcium, Total	14300		mg/kg	10.1	3.54	2	12/22/20 10:00	12/22/20 19:11	EPA 3050B	1,6010D	BV
Chromium, Total	14.2		mg/kg	1.01	0.097	2	12/22/20 10:00	12/22/20 19:11	EPA 3050B	1,6010D	BV
Cobalt, Total	6.63		mg/kg	2.02	0.168	2	12/22/20 10:00	12/22/20 19:11	EPA 3050B	1,6010D	BV
Copper, Total	18.0		mg/kg	1.01	0.261	2	12/22/20 10:00	12/22/20 19:11	EPA 3050B	1,6010D	BV
Iron, Total	12400		mg/kg	5.05	0.913	2	12/22/20 10:00	12/22/20 19:11	EPA 3050B	1,6010D	BV
Lead, Total	37.7		mg/kg	5.05	0.271	2	12/22/20 10:00	12/22/20 19:11	EPA 3050B	1,6010D	BV
Magnesium, Total	3590		mg/kg	10.1	1.56	2	12/22/20 10:00	12/22/20 19:11	EPA 3050B	1,6010D	BV
Manganese, Total	287		mg/kg	1.01	0.161	2	12/22/20 10:00	12/22/20 19:11	EPA 3050B	1,6010D	BV
Mercury, Total	0.822		mg/kg	0.080	0.052	1	12/22/20 08:00	12/22/20 20:03	EPA 7471B	1,7471B	EW
Nickel, Total	31.6		mg/kg	2.53	0.245	2	12/22/20 10:00	12/22/20 19:11	EPA 3050B	1,6010D	BV
Potassium, Total	899		mg/kg	253	14.6	2	12/22/20 10:00	12/22/20 19:11	EPA 3050B	1,6010D	BV
Selenium, Total	ND		mg/kg	2.02	0.261	2	12/22/20 10:00	12/22/20 19:11	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	1.01	0.286	2	12/22/20 10:00	12/22/20 19:11	EPA 3050B	1,6010D	BV
Sodium, Total	118	J	mg/kg	202	3.18	2	12/22/20 10:00	12/22/20 19:11	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	2.02	0.318	2	12/22/20 10:00	12/22/20 19:11	EPA 3050B	1,6010D	BV
Vanadium, Total	22.3		mg/kg	1.01	0.205	2	12/22/20 10:00	12/22/20 19:11	EPA 3050B	1,6010D	BV
Zinc, Total	49.7		mg/kg	5.05	0.296	2	12/22/20 10:00	12/22/20 19:11	EPA 3050B	1,6010D	BV

Project Name: PARK AVE
Project Number: 12.00
Lab Number: L2055577
Report Date: 12/23/20

SAMPLE RESULTS

Lab ID: L2055577-02
Client ID: PARK AVE 5
Sample Location: BROOKLYN, NY
Date Collected: 12/11/20 10:15
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5010		mg/kg	8.77	2.37	2	12/22/20 10:00	12/22/20 19:16	EPA 3050B	1,6010D	BV
Antimony, Total	ND		mg/kg	4.39	0.333	2	12/22/20 10:00	12/22/20 19:16	EPA 3050B	1,6010D	BV
Arsenic, Total	3.96		mg/kg	0.877	0.182	2	12/22/20 10:00	12/22/20 19:16	EPA 3050B	1,6010D	BV
Barium, Total	128		mg/kg	0.877	0.153	2	12/22/20 10:00	12/22/20 19:16	EPA 3050B	1,6010D	BV
Beryllium, Total	0.281	J	mg/kg	0.439	0.029	2	12/22/20 10:00	12/22/20 19:16	EPA 3050B	1,6010D	BV
Cadmium, Total	0.649	J	mg/kg	0.877	0.086	2	12/22/20 10:00	12/22/20 19:16	EPA 3050B	1,6010D	BV
Calcium, Total	38800		mg/kg	8.77	3.07	2	12/22/20 10:00	12/22/20 19:16	EPA 3050B	1,6010D	BV
Chromium, Total	12.0		mg/kg	0.877	0.084	2	12/22/20 10:00	12/22/20 19:16	EPA 3050B	1,6010D	BV
Cobalt, Total	5.79		mg/kg	1.75	0.146	2	12/22/20 10:00	12/22/20 19:16	EPA 3050B	1,6010D	BV
Copper, Total	23.6		mg/kg	0.877	0.226	2	12/22/20 10:00	12/22/20 19:16	EPA 3050B	1,6010D	BV
Iron, Total	16000		mg/kg	4.39	0.792	2	12/22/20 10:00	12/22/20 19:16	EPA 3050B	1,6010D	BV
Lead, Total	118		mg/kg	4.39	0.235	2	12/22/20 10:00	12/22/20 19:16	EPA 3050B	1,6010D	BV
Magnesium, Total	4030		mg/kg	8.77	1.35	2	12/22/20 10:00	12/22/20 19:16	EPA 3050B	1,6010D	BV
Manganese, Total	403		mg/kg	0.877	0.140	2	12/22/20 10:00	12/22/20 19:16	EPA 3050B	1,6010D	BV
Mercury, Total	0.208		mg/kg	0.072	0.047	1	12/22/20 08:00	12/22/20 20:07	EPA 7471B	1,7471B	EW
Nickel, Total	20.2		mg/kg	2.19	0.212	2	12/22/20 10:00	12/22/20 19:16	EPA 3050B	1,6010D	BV
Potassium, Total	752		mg/kg	219	12.6	2	12/22/20 10:00	12/22/20 19:16	EPA 3050B	1,6010D	BV
Selenium, Total	0.720	J	mg/kg	1.75	0.226	2	12/22/20 10:00	12/22/20 19:16	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.877	0.248	2	12/22/20 10:00	12/22/20 19:16	EPA 3050B	1,6010D	BV
Sodium, Total	194		mg/kg	175	2.76	2	12/22/20 10:00	12/22/20 19:16	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.75	0.276	2	12/22/20 10:00	12/22/20 19:16	EPA 3050B	1,6010D	BV
Vanadium, Total	20.3		mg/kg	0.877	0.178	2	12/22/20 10:00	12/22/20 19:16	EPA 3050B	1,6010D	BV
Zinc, Total	124		mg/kg	4.39	0.257	2	12/22/20 10:00	12/22/20 19:16	EPA 3050B	1,6010D	BV

Project Name: PARK AVE
Project Number: 12.00
Lab Number: L2055577
Report Date: 12/23/20

SAMPLE RESULTS

Lab ID: L2055577-03
Client ID: PARK AVE 8
Sample Location: BROOKLYN, NY
Date Collected: 12/11/20 10:45
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 79%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5840		mg/kg	9.56	2.58	2	12/22/20 10:00	12/22/20 20:02	EPA 3050B	1,6010D	BV
Antimony, Total	1.71	J	mg/kg	4.78	0.363	2	12/22/20 10:00	12/22/20 20:02	EPA 3050B	1,6010D	BV
Arsenic, Total	3.40		mg/kg	0.956	0.199	2	12/22/20 10:00	12/22/20 20:02	EPA 3050B	1,6010D	BV
Barium, Total	142		mg/kg	0.956	0.166	2	12/22/20 10:00	12/22/20 20:02	EPA 3050B	1,6010D	BV
Beryllium, Total	0.316	J	mg/kg	0.478	0.032	2	12/22/20 10:00	12/22/20 20:02	EPA 3050B	1,6010D	BV
Cadmium, Total	0.583	J	mg/kg	0.956	0.094	2	12/22/20 10:00	12/22/20 20:02	EPA 3050B	1,6010D	BV
Calcium, Total	8140		mg/kg	9.56	3.35	2	12/22/20 10:00	12/22/20 20:02	EPA 3050B	1,6010D	BV
Chromium, Total	17.2		mg/kg	0.956	0.092	2	12/22/20 10:00	12/22/20 20:02	EPA 3050B	1,6010D	BV
Cobalt, Total	7.78		mg/kg	1.91	0.159	2	12/22/20 10:00	12/22/20 20:02	EPA 3050B	1,6010D	BV
Copper, Total	24.6		mg/kg	0.956	0.247	2	12/22/20 10:00	12/22/20 20:02	EPA 3050B	1,6010D	BV
Iron, Total	14400		mg/kg	4.78	0.864	2	12/22/20 10:00	12/22/20 20:02	EPA 3050B	1,6010D	BV
Lead, Total	103		mg/kg	4.78	0.256	2	12/22/20 10:00	12/22/20 20:02	EPA 3050B	1,6010D	BV
Magnesium, Total	3040		mg/kg	9.56	1.47	2	12/22/20 10:00	12/22/20 20:02	EPA 3050B	1,6010D	BV
Manganese, Total	312		mg/kg	0.956	0.152	2	12/22/20 10:00	12/22/20 20:02	EPA 3050B	1,6010D	BV
Mercury, Total	0.183		mg/kg	0.081	0.053	1	12/22/20 08:00	12/22/20 20:10	EPA 7471B	1,7471B	EW
Nickel, Total	33.0		mg/kg	2.39	0.231	2	12/22/20 10:00	12/22/20 20:02	EPA 3050B	1,6010D	BV
Potassium, Total	990		mg/kg	239	13.8	2	12/22/20 10:00	12/22/20 20:02	EPA 3050B	1,6010D	BV
Selenium, Total	0.354	J	mg/kg	1.91	0.247	2	12/22/20 10:00	12/22/20 20:02	EPA 3050B	1,6010D	BV
Silver, Total	ND		mg/kg	0.956	0.271	2	12/22/20 10:00	12/22/20 20:02	EPA 3050B	1,6010D	BV
Sodium, Total	144	J	mg/kg	191	3.01	2	12/22/20 10:00	12/22/20 20:02	EPA 3050B	1,6010D	BV
Thallium, Total	ND		mg/kg	1.91	0.301	2	12/22/20 10:00	12/22/20 20:02	EPA 3050B	1,6010D	BV
Vanadium, Total	25.8		mg/kg	0.956	0.194	2	12/22/20 10:00	12/22/20 20:02	EPA 3050B	1,6010D	BV
Zinc, Total	120		mg/kg	4.78	0.280	2	12/22/20 10:00	12/22/20 20:02	EPA 3050B	1,6010D	BV

Project Name: PARK AVE
Project Number: 12.00
Lab Number: L2055577
Report Date: 12/23/20

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1447683-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	12/22/20 08:00	12/22/20 18:54	1,7471B	EW

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-03 Batch: WG1448074-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	12/22/20 10:00	12/22/20 12:03	1,6010D	GD
Antimony, Total	ND		mg/kg	2.00	0.152	1	12/22/20 10:00	12/22/20 12:03	1,6010D	GD
Arsenic, Total	0.116	J	mg/kg	0.400	0.083	1	12/22/20 10:00	12/22/20 12:03	1,6010D	GD
Barium, Total	ND		mg/kg	0.400	0.070	1	12/22/20 10:00	12/22/20 12:03	1,6010D	GD
Beryllium, Total	ND		mg/kg	0.200	0.013	1	12/22/20 10:00	12/22/20 12:03	1,6010D	GD
Cadmium, Total	ND		mg/kg	0.400	0.039	1	12/22/20 10:00	12/22/20 12:03	1,6010D	GD
Calcium, Total	ND		mg/kg	4.00	1.40	1	12/22/20 10:00	12/22/20 12:03	1,6010D	GD
Chromium, Total	ND		mg/kg	0.400	0.038	1	12/22/20 10:00	12/22/20 12:03	1,6010D	GD
Cobalt, Total	ND		mg/kg	0.800	0.066	1	12/22/20 10:00	12/22/20 12:03	1,6010D	GD
Copper, Total	ND		mg/kg	0.400	0.103	1	12/22/20 10:00	12/22/20 12:03	1,6010D	GD
Iron, Total	ND		mg/kg	2.00	0.361	1	12/22/20 10:00	12/22/20 12:03	1,6010D	GD
Lead, Total	ND		mg/kg	2.00	0.107	1	12/22/20 10:00	12/22/20 12:03	1,6010D	GD
Magnesium, Total	ND		mg/kg	4.00	0.616	1	12/22/20 10:00	12/22/20 12:03	1,6010D	GD
Manganese, Total	ND		mg/kg	0.400	0.064	1	12/22/20 10:00	12/22/20 12:03	1,6010D	GD
Nickel, Total	ND		mg/kg	1.00	0.097	1	12/22/20 10:00	12/22/20 12:03	1,6010D	GD
Potassium, Total	ND		mg/kg	100	5.76	1	12/22/20 10:00	12/22/20 12:03	1,6010D	GD
Selenium, Total	ND		mg/kg	0.800	0.103	1	12/22/20 10:00	12/22/20 12:03	1,6010D	GD
Silver, Total	ND		mg/kg	0.400	0.113	1	12/22/20 10:00	12/22/20 12:03	1,6010D	GD
Sodium, Total	ND		mg/kg	80.0	1.26	1	12/22/20 10:00	12/22/20 12:03	1,6010D	GD
Thallium, Total	ND		mg/kg	0.800	0.126	1	12/22/20 10:00	12/22/20 12:03	1,6010D	GD
Vanadium, Total	ND		mg/kg	0.400	0.081	1	12/22/20 10:00	12/22/20 12:03	1,6010D	GD
Zinc, Total	ND		mg/kg	2.00	0.117	1	12/22/20 10:00	12/22/20 12:03	1,6010D	GD

Project Name: PARK AVE
Project Number: 12.00

Lab Number: L2055577
Report Date: 12/23/20

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: PARK AVE

Project Number: 12.00

Lab Number: L2055577

Report Date: 12/23/20

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1447683-2 SRM Lot Number: D109-540								
Mercury, Total	95		-		60-140	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: PARK AVE

Project Number: 12.00

Lab Number: L2055577

Report Date: 12/23/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1448074-2 SRM Lot Number: D109-540					
Aluminum, Total	64	-	50-150	-	
Antimony, Total	151	-	19-250	-	
Arsenic, Total	92	-	70-130	-	
Barium, Total	86	-	75-125	-	
Beryllium, Total	102	-	75-125	-	
Cadmium, Total	99	-	75-125	-	
Calcium, Total	93	-	73-128	-	
Chromium, Total	89	-	70-130	-	
Cobalt, Total	98	-	75-125	-	
Copper, Total	84	-	75-125	-	
Iron, Total	84	-	35-165	-	
Lead, Total	86	-	72-128	-	
Magnesium, Total	78	-	62-138	-	
Manganese, Total	93	-	74-126	-	
Nickel, Total	96	-	70-130	-	
Potassium, Total	81	-	59-141	-	
Selenium, Total	95	-	68-132	-	
Silver, Total	84	-	68-131	-	
Sodium, Total	106	-	35-165	-	
Thallium, Total	95	-	68-131	-	
Vanadium, Total	88	-	59-141	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: PARK AVE

Project Number: 12.00

Lab Number: L2055577

Report Date: 12/23/20

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 Batch: WG1448074-2 SRM Lot Number: D109-540					
Zinc, Total	88	-	70-130	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: PARK AVE
Project Number: 12.00

Lab Number: L2055577
Report Date: 12/23/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1447683-3 QC Sample: L2054538-33 Client ID: MS Sample												
Mercury, Total	ND	0.164	0.154	94		-	-		80-120	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: PARK AVE
Project Number: 12.00

Lab Number: L2055577
Report Date: 12/23/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1448074-3 WG1448074-4 QC Sample: L2055907-08 Client ID: MS Sample												
Aluminum, Total	7790	173	7480	**0**	Q	8940	**674**	Q	75-125	18		20
Antimony, Total	ND	43.3	36.5	84		36.0	84		75-125	1		20
Arsenic, Total	2.43	10.4	12.3	95		25.4	**224**	Q	75-125	**69**	Q	20
Barium, Total	63.5	173	204	81		218	90		75-125	7		20
Beryllium, Total	0.150J	4.33	4.00	92		4.12	97		75-125	3		20
Cadmium, Total	0.274J	4.42	3.74	85		3.81	88		75-125	2		20
Calcium, Total	21000	866	22200	**138**	Q	17800	**0**	Q	75-125	**22**	Q	20
Chromium, Total	13.9	17.3	27.0	76		28.2	84		75-125	4		20
Cobalt, Total	5.95	43.3	37.7	**73**	Q	38.7	77		75-125	3		20
Copper, Total	14.9	21.6	34.9	92		33.8	89		75-125	3		20
Iron, Total	12000	86.6	11400	**0**	Q	12400	**469**	Q	75-125	8		20
Lead, Total	5.78	44.2	37.7	**72**	Q	39.4	77		75-125	4		20
Magnesium, Total	12300	866	12500	**23**	Q	11100	**0**	Q	75-125	12		20
Manganese, Total	220	43.3	240	**46**	Q	249	**68**	Q	75-125	4		20
Nickel, Total	10.1	43.3	40.5	**70**	Q	41.2	**73**	Q	75-125	2		20
Potassium, Total	1910	866	2730	95		2770	101		75-125	1		20
Selenium, Total	0.377J	10.4	9.99	96		10.1	99		75-125	1		20
Silver, Total	ND	26	24.0	92		24.0	94		75-125	0		20
Sodium, Total	361	866	1280	106		1300	110		75-125	2		20
Thallium, Total	ND	10.4	6.74	**65**	Q	6.80	**66**	Q	75-125	1		20
Vanadium, Total	20.8	43.3	55.2	79		55.6	82		75-125	1		20

Matrix Spike Analysis
Batch Quality Control

Project Name: PARK AVE
Project Number: 12.00

Lab Number: L2055577
Report Date: 12/23/20

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1448074-3 WG1448074-4 QC Sample: L2055907-08 Client ID: MS Sample										
Zinc, Total	33.0	43.3	63.0	**69**	Q	68.0	82	75-125	8	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: PARK AVE
Project Number: 12.00

Lab Number: L2055577
Report Date: 12/23/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-03 QC Batch ID: WG1447683-4 QC Sample: L2054538-33 Client ID: DUP Sample						
Mercury, Total	ND	ND	mg/kg	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: PARK AVE
Project Number: 12.00

Lab Number: L2055577
Report Date: 12/23/20

SAMPLE RESULTS

Lab ID: L2055577-01
Client ID: PARK AVE 3
Sample Location: BROOKLYN, NY

Date Collected: 12/11/20 09:45
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.9		%	0.100	NA	1	-	12/15/20 12:17	121,2540G	RI

Project Name: PARK AVE
Project Number: 12.00

Lab Number: L2055577
Report Date: 12/23/20

SAMPLE RESULTS

Lab ID: L2055577-02
Client ID: PARK AVE 5
Sample Location: BROOKLYN, NY

Date Collected: 12/11/20 10:15
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.6		%	0.100	NA	1	-	12/15/20 12:17	121,2540G	RI

Project Name: PARK AVE
Project Number: 12.00

Lab Number: L2055577
Report Date: 12/23/20

SAMPLE RESULTS

Lab ID: L2055577-03
Client ID: PARK AVE 8
Sample Location: BROOKLYN, NY

Date Collected: 12/11/20 10:45
Date Received: 12/11/20
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.2		%	0.100	NA	1	-	12/15/20 10:20	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: PARK AVE

Project Number: 12.00

Lab Number: L2055577

Report Date: 12/23/20

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03 QC Batch ID: WG1445154-1 QC Sample: L2055653-01 Client ID: DUP Sample						
Solids, Total	92.7	92.6	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 01-02 QC Batch ID: WG1445163-1 QC Sample: L2055915-01 Client ID: DUP Sample						
Solids, Total	36.1	33.8	%	7		20

Project Name: PARK AVE
Project Number: 12.00

Lab Number: L2055577
Report Date: 12/23/20

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2055577-01A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),ZN-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2055577-01B	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),TS(7)
L2055577-02A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),FE-TI(180),HG-T(28),MN-TI(180),MG-TI(180),CA-TI(180),NA-TI(180),CD-TI(180),K-TI(180)
L2055577-02B	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),TS(7)
L2055577-03A	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.9	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),PB-TI(180),SB-TI(180),V-TI(180),CO-TI(180),MN-TI(180),MG-TI(180),HG-T(28),FE-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2055577-03B	Glass 120ml/4oz unpreserved	A	NA		2.9	Y	Absent		NYTCL-8270(14),TS(7)

*Values in parentheses indicate holding time in days

Project Name:	PARK AVE	**Lab Number:**	L2055577
Project Number:	12.00	**Report Date:**	12/23/20

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	PARK AVE	**Lab Number:**	L2055577
Project Number:	12.00	**Report Date:**	12/23/20

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

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

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	PARK AVE	**Lab Number:**	L2055577
Project Number:	12.00	**Report Date:**	12/23/20

Data Qualifiers

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Project Name:	PARK AVE	**Lab Number:**	L2055577
Project Number:	12.00	**Report Date:**	12/23/20

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 8260C: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
EPA TO-12 Non-methane organics
EPA 3C Fixed gases
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603.**

Mansfield Facility:

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

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

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

NEW JERSEY CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

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

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 12/11/20

ALPHA Job #: L2055577

Client Information
Client: G2A
Address: 55 LANE RD
FAIRFIELD N.J.
Phone:
Fax:
Email:

Project Information
Project Name: PARK AVE
Project Location: BROOKLYN N.Y.
Project #: 12.00
(Use Project name as Project #) ☐
Project Manager: ETHAN SHAW
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ NJ Full / Reduced
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ SRS Residential/Non Residential
☐ SRS Impact to Groundwater
☐ NJ Ground Water Quality Standards
☐ NJ IGW SPLP Leachate Criteria
☐ Other

Billing Information
☒ Same as Client Info
PO #

Site Information
Is this site impacted by Petroleum? Yes ☐
Petroleum Product:

These samples have been previously analyzed by Alpha ☐

For EPH, selection is REQUIRED:
☐ Category 1
☐ Category 2

For VOC, selection is REQUIRED:
☐ 1,4-Dioxane
☐ 8011

Other project specific requirements/comments:
Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	PA HIS 8270 EPA	TAL METALS EPA 6010+7471B	Sample Specific Comments	Total Bottle
55577 01	PARK AVE 3	12/11/20	0945	SOIL	TR	X	X		2
02	PARK AVE 5	↓	1015	↓	↓	X	X		2
03	PARK AVE 8	↓	1045	↓	↓	X	X		2

Container Type: G G
Preservative: A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
	12/11/20 2330	L. Santos AM	12/11/20 1930
L. Santos AM	12/11/20 1530	Paul Mazzella	12/11/20 22:05
Paul Mazzella 12/11/20 22:05			

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-14 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2132198
Client:	GZA GeoEnvironmental, Inc. 55 Lane Road Suite 407 Fairfield, NJ 07004
ATTN:	Zhan Shu
Phone:	(201) 744-0118
Project Name:	205 PARK AVENUE
Project Number:	12.0076834.10
Report Date:	07/13/21

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2132198-01	SRI-3 (2-2.5)	SOIL	205 PARK AVENUE, BROOKLYN, NY	06/14/21 12:50	06/15/21
L2132198-02	SRI-3 (28-28.5)	SOIL	205 PARK AVENUE, BROOKLYN, NY	06/14/21 13:00	06/15/21
L2132198-03	SRI-4 (1-1.5)	SOIL	205 PARK AVENUE, BROOKLYN, NY	06/14/21 10:46	06/15/21
L2132198-04	SRI-4 (26.5-27)	SOIL	205 PARK AVENUE, BROOKLYN, NY	06/14/21 10:55	06/15/21
L2132198-05	SRI-5 (1.5-2)	SOIL	205 PARK AVENUE, BROOKLYN, NY	06/14/21 11:40	06/15/21
L2132198-06	SRI-5 (27-27.5)	SOIL	205 PARK AVENUE, BROOKLYN, NY	06/14/21 11:55	06/15/21
L2132198-07	SRI-6 (2-2.5)	SOIL	205 PARK AVENUE, BROOKLYN, NY	06/14/21 09:50	06/15/21
L2132198-08	SRI-6 (26.5-27)	SOIL	205 PARK AVENUE, BROOKLYN, NY	06/14/21 10:00	06/15/21
L2132198-09	SRI-7 (1.5-2)	SOIL	205 PARK AVENUE, BROOKLYN, NY	06/14/21 15:00	06/15/21
L2132198-10	SRI-7 (24.5-25)	SOIL	205 PARK AVENUE, BROOKLYN, NY	06/14/21 15:30	06/15/21
L2132198-11	FIELD BLANK	WATER	205 PARK AVENUE, BROOKLYN, NY	06/15/21 08:45	06/15/21
L2132198-12	TRIP BLANK	WATER	205 PARK AVENUE, BROOKLYN, NY	06/15/21 00:00	06/15/21

Project Name:	205 PARK AVENUE	**Lab Number:**	L2132198
Project Number:	12.0076834.10	**Report Date:**	07/13/21

Case Narrative

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

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

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

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

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

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

Project Name: 205 PARK AVENUE **Lab Number:** L2132198
Project Number: 12.0076834.10 **Report Date:** 07/13/21

Case Narrative (continued)

Report Submission
July 13, 2021: This final report includes the results of all requested analyses.
June 30, 2021: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Volatile Organics
L2132198-03: The sample was analyzed as a High Level Methanol based upon screen results. The sample was then analyzed as a Low Level in order to achieve lower reporting limits. The results of both analyses are reported. Differences were noted between the results of the analyses which have been attributed to vial discrepancies.

Perfluorinated Alkyl Acids by Isotope Dilution
L2132198-01 and WG1512640-3: The MeOH fraction of the extraction is reported for Perfluorooctanesulfonamide (FOSA) due to better extraction efficiency of the M8FOSA Surrogate (Extracted Internal Standard).

Pesticides
L2132198-03: The internal standard (IS) response for 1-bromo-2-nitrobenzene (325%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. Since the IS response was above method criteria, all associated compounds reported from this column are considered to have a potentially low bias. The surrogate recovery is outside the method acceptance criteria for decachlorobiphenyl (24%) due to interference with the Internal Standard.

Total Metals
L2132198-01 through -10: The sample has elevated detection limits for all elements, with the exception of

Project Name:	205 PARK AVENUE	**Lab Number:**	L2132198
Project Number:	12.0076834.10	**Report Date:**	07/13/21

Case Narrative (continued)

mercury, due to the dilution required by matrix interferences encountered during analysis.

L2132198-11: The Field Blank has results for Aluminum, Barium, and Sodium present above the reporting limits. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.

The WG1514086-3 MS recoveries for aluminum (0%), iron (0%) and manganese (0%), performed on L2132198-01, do not apply because the sample concentrations are greater than four times the spike amounts added.

The WG1514086-3 MS recoveries, performed on L2132198-01, are outside the acceptance criteria for antimony (54%) and magnesium (21%). A post digestion spike was performed and was within acceptance criteria.

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

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 07/13/21

ORGANICS

VOLATILES

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-01
Client ID: SRI-3 (2-2.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 12:50
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/20/21 13:26
Analyst: JC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.5	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.91	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.91	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.91	0.11	1
Dibromochloromethane	ND		ug/kg	0.91	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.91	0.24	1
Tetrachloroethene	ND		ug/kg	0.45	0.18	1
Chlorobenzene	ND		ug/kg	0.45	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.63	1
1,2-Dichloroethane	ND		ug/kg	0.91	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	0.15	1
Bromodichloromethane	ND		ug/kg	0.45	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.91	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.45	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.45	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	0.15	1
Benzene	ND		ug/kg	0.45	0.15	1
Toluene	ND		ug/kg	0.91	0.49	1
Ethylbenzene	ND		ug/kg	0.91	0.13	1
Chloromethane	ND		ug/kg	3.6	0.85	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.91	0.30	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.91	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-01 Date Collected: 06/14/21 12:50

Client ID: SRI-3 (2-2.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.45	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.91	0.26	1
Xylenes, Total	ND		ug/kg	0.91	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.91	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.91	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.91	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.1	0.83	1
Acetone	ND		ug/kg	9.1	4.4	1
Carbon disulfide	ND		ug/kg	9.1	4.1	1
2-Butanone	ND		ug/kg	9.1	2.0	1
Vinyl acetate	ND		ug/kg	9.1	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.1	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.1	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.91	0.25	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.45	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.91	0.15	1
sec-Butylbenzene	ND		ug/kg	0.91	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.91	1
Hexachlorobutadiene	ND		ug/kg	3.6	0.15	1
Isopropylbenzene	ND		ug/kg	0.91	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.91	0.10	1
Naphthalene	ND		ug/kg	3.6	0.59	1
Acrylonitrile	ND		ug/kg	3.6	1.0	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-01 Date Collected: 06/14/21 12:50

Client ID: SRI-3 (2-2.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.91	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	73	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.5	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	95		70-130

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-02
Client ID: SRI-3 (28-28.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 13:00
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/20/21 13:51
Analyst: JC
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.4	3.0	1
1,1-Dichloroethane	ND		ug/kg	1.3	0.19	1
Chloroform	ND		ug/kg	1.9	0.18	1
Carbon tetrachloride	ND		ug/kg	1.3	0.30	1
1,2-Dichloropropane	ND		ug/kg	1.3	0.16	1
Dibromochloromethane	ND		ug/kg	1.3	0.18	1
1,1,2-Trichloroethane	ND		ug/kg	1.3	0.34	1
Tetrachloroethene	0.42	J	ug/kg	0.64	0.25	1
Chlorobenzene	ND		ug/kg	0.64	0.16	1
Trichlorofluoromethane	ND		ug/kg	5.2	0.90	1
1,2-Dichloroethane	ND		ug/kg	1.3	0.33	1
1,1,1-Trichloroethane	ND		ug/kg	0.64	0.22	1
Bromodichloromethane	ND		ug/kg	0.64	0.14	1
trans-1,3-Dichloropropene	ND		ug/kg	1.3	0.35	1
cis-1,3-Dichloropropene	ND		ug/kg	0.64	0.20	1
1,3-Dichloropropene, Total	ND		ug/kg	0.64	0.20	1
1,1-Dichloropropene	ND		ug/kg	0.64	0.20	1
Bromoform	ND		ug/kg	5.2	0.32	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.64	0.21	1
Benzene	ND		ug/kg	0.64	0.21	1
Toluene	ND		ug/kg	1.3	0.70	1
Ethylbenzene	ND		ug/kg	1.3	0.18	1
Chloromethane	ND		ug/kg	5.2	1.2	1
Bromomethane	ND		ug/kg	2.6	0.75	1
Vinyl chloride	ND		ug/kg	1.3	0.43	1
Chloroethane	ND		ug/kg	2.6	0.58	1
1,1-Dichloroethene	ND		ug/kg	1.3	0.31	1
trans-1,2-Dichloroethene	ND		ug/kg	1.9	0.18	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-02 Date Collected: 06/14/21 13:00

Client ID: SRI-3 (28-28.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.64	0.18	1
1,2-Dichlorobenzene	ND		ug/kg	2.6	0.18	1
1,3-Dichlorobenzene	ND		ug/kg	2.6	0.19	1
1,4-Dichlorobenzene	ND		ug/kg	2.6	0.22	1
Methyl tert butyl ether	ND		ug/kg	2.6	0.26	1
p/m-Xylene	ND		ug/kg	2.6	0.72	1
o-Xylene	ND		ug/kg	1.3	0.37	1
Xylenes, Total	ND		ug/kg	1.3	0.37	1
cis-1,2-Dichloroethene	ND		ug/kg	1.3	0.22	1
1,2-Dichloroethene, Total	ND		ug/kg	1.3	0.18	1
Dibromomethane	ND		ug/kg	2.6	0.31	1
Styrene	ND		ug/kg	1.3	0.25	1
Dichlorodifluoromethane	ND		ug/kg	13	1.2	1
Acetone	ND		ug/kg	13	6.2	1
Carbon disulfide	ND		ug/kg	13	5.9	1
2-Butanone	ND		ug/kg	13	2.9	1
Vinyl acetate	ND		ug/kg	13	2.8	1
4-Methyl-2-pentanone	ND		ug/kg	13	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.6	0.16	1
2-Hexanone	ND		ug/kg	13	1.5	1
Bromochloromethane	ND		ug/kg	2.6	0.26	1
2,2-Dichloropropane	ND		ug/kg	2.6	0.26	1
1,2-Dibromoethane	ND		ug/kg	1.3	0.36	1
1,3-Dichloropropane	ND		ug/kg	2.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.64	0.17	1
Bromobenzene	ND		ug/kg	2.6	0.19	1
n-Butylbenzene	ND		ug/kg	1.3	0.22	1
sec-Butylbenzene	ND		ug/kg	1.3	0.19	1
tert-Butylbenzene	ND		ug/kg	2.6	0.15	1
o-Chlorotoluene	ND		ug/kg	2.6	0.25	1
p-Chlorotoluene	ND		ug/kg	2.6	0.14	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.9	1.3	1
Hexachlorobutadiene	ND		ug/kg	5.2	0.22	1
Isopropylbenzene	ND		ug/kg	1.3	0.14	1
p-Isopropyltoluene	ND		ug/kg	1.3	0.14	1
Naphthalene	ND		ug/kg	5.2	0.84	1
Acrylonitrile	ND		ug/kg	5.2	1.5	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-02 Date Collected: 06/14/21 13:00

Client ID: SRI-3 (28-28.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.3	0.22	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.6	0.41	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.6	0.35	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.6	0.25	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.6	0.43	1
1,4-Dioxane	ND		ug/kg	100	45.	1
p-Diethylbenzene	ND		ug/kg	2.6	0.23	1
p-Ethyltoluene	ND		ug/kg	2.6	0.49	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.6	0.25	1
Ethyl ether	ND		ug/kg	2.6	0.44	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.4	1.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	97		70-130

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-03
Client ID: SRI-4 (1-1.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/14/21 10:46
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/20/21 20:30
Analyst: JC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Methylene chloride	ND		ug/kg	290	130	1
1,1-Dichloroethane	75		ug/kg	58	8.5	1
Chloroform	ND		ug/kg	88	8.2	1
Carbon tetrachloride	ND		ug/kg	58	13.	1
1,2-Dichloropropane	ND		ug/kg	58	7.3	1
Dibromochloromethane	ND		ug/kg	58	8.2	1
1,1,2-Trichloroethane	ND		ug/kg	58	16.	1
Tetrachloroethene	40		ug/kg	29	11.	1
Chlorobenzene	ND		ug/kg	29	7.4	1
Trichlorofluoromethane	ND		ug/kg	230	41.	1
1,2-Dichloroethane	ND		ug/kg	58	15.	1
1,1,1-Trichloroethane	19	J	ug/kg	29	9.8	1
Bromodichloromethane	ND		ug/kg	29	6.4	1
trans-1,3-Dichloropropene	ND		ug/kg	58	16.	1
cis-1,3-Dichloropropene	ND		ug/kg	29	9.2	1
1,3-Dichloropropene, Total	ND		ug/kg	29	9.2	1
1,1-Dichloropropene	ND		ug/kg	29	9.3	1
Bromoform	ND		ug/kg	230	14.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	29	9.7	1
Benzene	ND		ug/kg	29	9.7	1
Toluene	350		ug/kg	58	32.	1
Ethylbenzene	470		ug/kg	58	8.2	1
Chloromethane	ND		ug/kg	230	54.	1
Bromomethane	36	J	ug/kg	120	34.	1
Vinyl chloride	ND		ug/kg	58	20.	1
Chloroethane	ND		ug/kg	120	26.	1
1,1-Dichloroethene	ND		ug/kg	58	14.	1
trans-1,2-Dichloroethene	ND		ug/kg	88	8.0	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-03 Date Collected: 06/14/21 10:46

Client ID: SRI-4 (1-1.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
Trichloroethene	39		ug/kg	29	8.0	1
1,2-Dichlorobenzene	ND		ug/kg	120	8.4	1
1,3-Dichlorobenzene	ND		ug/kg	120	8.6	1
1,4-Dichlorobenzene	34	J	ug/kg	120	10.	1
Methyl tert butyl ether	ND		ug/kg	120	12.	1
p/m-Xylene	1700		ug/kg	120	33.	1
o-Xylene	680		ug/kg	58	17.	1
Xylenes, Total	2400		ug/kg	58	17.	1
cis-1,2-Dichloroethene	12	J	ug/kg	58	10.	1
1,2-Dichloroethene, Total	12	J	ug/kg	58	8.0	1
Dibromomethane	ND		ug/kg	120	14.	1
Styrene	ND		ug/kg	58	11.	1
Dichlorodifluoromethane	ND		ug/kg	580	53.	1
Acetone	ND		ug/kg	580	280	1
Carbon disulfide	ND		ug/kg	580	260	1
2-Butanone	ND		ug/kg	580	130	1
Vinyl acetate	ND		ug/kg	580	120	1
4-Methyl-2-pentanone	ND		ug/kg	580	75.	1
1,2,3-Trichloropropane	ND		ug/kg	120	7.4	1
2-Hexanone	ND		ug/kg	580	69.	1
Bromochloromethane	ND		ug/kg	120	12.	1
2,2-Dichloropropane	ND		ug/kg	120	12.	1
1,2-Dibromoethane	ND		ug/kg	58	16.	1
1,3-Dichloropropane	ND		ug/kg	120	9.8	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	29	7.7	1
Bromobenzene	ND		ug/kg	120	8.5	1
n-Butylbenzene	35	J	ug/kg	58	9.8	1
sec-Butylbenzene	11	J	ug/kg	58	8.5	1
tert-Butylbenzene	ND		ug/kg	120	6.9	1
o-Chlorotoluene	ND		ug/kg	120	11.	1
p-Chlorotoluene	ND		ug/kg	120	6.3	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	180	58.	1
Hexachlorobutadiene	ND		ug/kg	230	9.9	1
Isopropylbenzene	22	J	ug/kg	58	6.4	1
p-Isopropyltoluene	100		ug/kg	58	6.4	1
Naphthalene	87	J	ug/kg	230	38.	1
Acrylonitrile	ND		ug/kg	230	67.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-03 Date Collected: 06/14/21 10:46

Client ID: SRI-4 (1-1.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 High - Westborough Lab						
n-Propylbenzene	72		ug/kg	58	10.	1
1,2,3-Trichlorobenzene	ND		ug/kg	120	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	120	16.	1
1,3,5-Trimethylbenzene	76	J	ug/kg	120	11.	1
1,2,4-Trimethylbenzene	210		ug/kg	120	20.	1
1,4-Dioxane	ND		ug/kg	4700	2000	1
p-Diethylbenzene	24	J	ug/kg	120	10.	1
p-Ethyltoluene	260		ug/kg	120	22.	1
1,2,4,5-Tetramethylbenzene	20	J	ug/kg	120	11.	1
Ethyl ether	ND		ug/kg	120	20.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	290	83.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	95		70-130

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-03
Client ID: SRI-4 (1-1.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/14/21 10:46
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/21/21 12:41
Analyst: JC
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.8	2.2	1
1,1-Dichloroethane	0.17	J	ug/kg	0.95	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.95	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.95	0.12	1
Dibromochloromethane	ND		ug/kg	0.95	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.95	0.25	1
Tetrachloroethene	ND		ug/kg	0.48	0.19	1
Chlorobenzene	ND		ug/kg	0.48	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.8	0.66	1
1,2-Dichloroethane	ND		ug/kg	0.95	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.48	0.16	1
Bromodichloromethane	ND		ug/kg	0.48	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.95	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.48	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.48	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.48	0.15	1
Bromoform	ND		ug/kg	3.8	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.48	0.16	1
Benzene	ND		ug/kg	0.48	0.16	1
Toluene	ND		ug/kg	0.95	0.52	1
Ethylbenzene	ND		ug/kg	0.95	0.13	1
Chloromethane	ND		ug/kg	3.8	0.89	1
Bromomethane	ND		ug/kg	1.9	0.55	1
Vinyl chloride	ND		ug/kg	0.95	0.32	1
Chloroethane	ND		ug/kg	1.9	0.43	1
1,1-Dichloroethene	ND		ug/kg	0.95	0.23	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-03 Date Collected: 06/14/21 10:46

Client ID: SRI-4 (1-1.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.48	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.53	1
o-Xylene	ND		ug/kg	0.95	0.28	1
Xylenes, Total	ND		ug/kg	0.95	0.28	1
cis-1,2-Dichloroethene	ND		ug/kg	0.95	0.17	1
1,2-Dichloroethene, Total	ND		ug/kg	0.95	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.23	1
Styrene	ND		ug/kg	0.95	0.19	1
Dichlorodifluoromethane	ND		ug/kg	9.5	0.87	1
Acetone	ND		ug/kg	9.5	4.6	1
Carbon disulfide	ND		ug/kg	9.5	4.3	1
2-Butanone	ND		ug/kg	9.5	2.1	1
Vinyl acetate	ND		ug/kg	9.5	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.5	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.5	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.20	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.95	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.48	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.95	0.16	1
sec-Butylbenzene	ND		ug/kg	0.95	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.95	1
Hexachlorobutadiene	ND		ug/kg	3.8	0.16	1
Isopropylbenzene	ND		ug/kg	0.95	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.95	0.10	1
Naphthalene	ND		ug/kg	3.8	0.62	1
Acrylonitrile	ND		ug/kg	3.8	1.1	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-03 Date Collected: 06/14/21 10:46

Client ID: SRI-4 (1-1.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.95	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.31	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.26	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.32	1
1,4-Dioxane	ND		ug/kg	76	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.17	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.8	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	110		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	99		70-130

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-04
Client ID: SRI-4 (26.5-27)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 10:55
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/20/21 14:16
Analyst: JC
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.3	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.23	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	0.31	J	ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.55	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.95	1
Bromomethane	ND		ug/kg	2.0	0.59	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-04 Date Collected: 06/14/21 10:55

Client ID: SRI-4 (26.5-27) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.20	1
p/m-Xylene	ND		ug/kg	2.0	0.57	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.93	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.6	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.28	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.13	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.19	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.66	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-04 Date Collected: 06/14/21 10:55

Client ID: SRI-4 (26.5-27) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.17	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	104		70-130
Dibromofluoromethane	97		70-130

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-05
Client ID: SRI-5 (1.5-2)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 11:40
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/20/21 14:41
Analyst: JC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-05 Date Collected: 06/14/21 11:40

Client ID: SRI-5 (1.5-2) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.77	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-05 Date Collected: 06/14/21 11:40

Client ID: SRI-5 (1.5-2) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	95	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	98		70-130

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-06
Client ID: SRI-5 (27-27.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 11:55
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/20/21 15:06
Analyst: JC
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.5	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.91	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.91	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.91	0.11	1
Dibromochloromethane	ND		ug/kg	0.91	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.91	0.24	1
Tetrachloroethene	0.65		ug/kg	0.45	0.18	1
Chlorobenzene	ND		ug/kg	0.45	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.6	0.63	1
1,2-Dichloroethane	ND		ug/kg	0.91	0.23	1
1,1,1-Trichloroethane	ND		ug/kg	0.45	0.15	1
Bromodichloromethane	ND		ug/kg	0.45	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.91	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.45	0.14	1
1,3-Dichloropropene, Total	ND		ug/kg	0.45	0.14	1
1,1-Dichloropropene	ND		ug/kg	0.45	0.14	1
Bromoform	ND		ug/kg	3.6	0.22	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.45	0.15	1
Benzene	ND		ug/kg	0.45	0.15	1
Toluene	ND		ug/kg	0.91	0.49	1
Ethylbenzene	ND		ug/kg	0.91	0.13	1
Chloromethane	ND		ug/kg	3.6	0.85	1
Bromomethane	ND		ug/kg	1.8	0.53	1
Vinyl chloride	ND		ug/kg	0.91	0.30	1
Chloroethane	ND		ug/kg	1.8	0.41	1
1,1-Dichloroethene	ND		ug/kg	0.91	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.12	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-06 Date Collected: 06/14/21 11:55

Client ID: SRI-5 (27-27.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.45	0.12	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.18	1
p/m-Xylene	ND		ug/kg	1.8	0.51	1
o-Xylene	ND		ug/kg	0.91	0.26	1
Xylenes, Total	ND		ug/kg	0.91	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	0.91	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.91	0.12	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.91	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.1	0.83	1
Acetone	ND		ug/kg	9.1	4.4	1
Carbon disulfide	ND		ug/kg	9.1	4.1	1
2-Butanone	ND		ug/kg	9.1	2.0	1
Vinyl acetate	ND		ug/kg	9.1	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.1	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.1	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.18	1
1,2-Dibromoethane	ND		ug/kg	0.91	0.25	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.45	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.91	0.15	1
sec-Butylbenzene	ND		ug/kg	0.91	0.13	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.17	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.7	0.91	1
Hexachlorobutadiene	ND		ug/kg	3.6	0.15	1
Isopropylbenzene	ND		ug/kg	0.91	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.91	0.10	1
Naphthalene	10		ug/kg	3.6	0.59	1
Acrylonitrile	ND		ug/kg	3.6	1.0	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-06 Date Collected: 06/14/21 11:55

Client ID: SRI-5 (27-27.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.91	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.29	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.30	1
1,4-Dioxane	ND		ug/kg	73	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.35	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.17	1
Ethyl ether	ND		ug/kg	1.8	0.31	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.5	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	96		70-130

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-07
Client ID: SRI-6 (2-2.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 09:50
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/20/21 15:31
Analyst: JC
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	9.1	4.2	1
1,1-Dichloroethane	ND		ug/kg	1.8	0.26	1
Chloroform	ND		ug/kg	2.7	0.25	1
Carbon tetrachloride	ND		ug/kg	1.8	0.42	1
1,2-Dichloropropane	ND		ug/kg	1.8	0.23	1
Dibromochloromethane	ND		ug/kg	1.8	0.25	1
1,1,2-Trichloroethane	ND		ug/kg	1.8	0.48	1
Tetrachloroethene	ND		ug/kg	0.91	0.36	1
Chlorobenzene	ND		ug/kg	0.91	0.23	1
Trichlorofluoromethane	ND		ug/kg	7.3	1.3	1
1,2-Dichloroethane	ND		ug/kg	1.8	0.47	1
1,1,1-Trichloroethane	ND		ug/kg	0.91	0.30	1
Bromodichloromethane	ND		ug/kg	0.91	0.20	1
trans-1,3-Dichloropropene	ND		ug/kg	1.8	0.50	1
cis-1,3-Dichloropropene	ND		ug/kg	0.91	0.29	1
1,3-Dichloropropene, Total	ND		ug/kg	0.91	0.29	1
1,1-Dichloropropene	ND		ug/kg	0.91	0.29	1
Bromoform	ND		ug/kg	7.3	0.45	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.91	0.30	1
Benzene	ND		ug/kg	0.91	0.30	1
Toluene	ND		ug/kg	1.8	0.99	1
Ethylbenzene	ND		ug/kg	1.8	0.26	1
Chloromethane	ND		ug/kg	7.3	1.7	1
Bromomethane	ND		ug/kg	3.6	1.0	1
Vinyl chloride	ND		ug/kg	1.8	0.61	1
Chloroethane	ND		ug/kg	3.6	0.82	1
1,1-Dichloroethene	ND		ug/kg	1.8	0.43	1
trans-1,2-Dichloroethene	ND		ug/kg	2.7	0.25	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-07 Date Collected: 06/14/21 09:50

Client ID: SRI-6 (2-2.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.91	0.25	1
1,2-Dichlorobenzene	ND		ug/kg	3.6	0.26	1
1,3-Dichlorobenzene	ND		ug/kg	3.6	0.27	1
1,4-Dichlorobenzene	ND		ug/kg	3.6	0.31	1
Methyl tert butyl ether	ND		ug/kg	3.6	0.36	1
p/m-Xylene	ND		ug/kg	3.6	1.0	1
o-Xylene	ND		ug/kg	1.8	0.53	1
Xylenes, Total	ND		ug/kg	1.8	0.53	1
cis-1,2-Dichloroethene	ND		ug/kg	1.8	0.32	1
1,2-Dichloroethene, Total	ND		ug/kg	1.8	0.25	1
Dibromomethane	ND		ug/kg	3.6	0.43	1
Styrene	ND		ug/kg	1.8	0.36	1
Dichlorodifluoromethane	ND		ug/kg	18	1.7	1
Acetone	ND		ug/kg	18	8.8	1
Carbon disulfide	ND		ug/kg	18	8.3	1
2-Butanone	ND		ug/kg	18	4.0	1
Vinyl acetate	ND		ug/kg	18	3.9	1
4-Methyl-2-pentanone	ND		ug/kg	18	2.3	1
1,2,3-Trichloropropane	ND		ug/kg	3.6	0.23	1
2-Hexanone	ND		ug/kg	18	2.1	1
Bromochloromethane	ND		ug/kg	3.6	0.37	1
2,2-Dichloropropane	ND		ug/kg	3.6	0.37	1
1,2-Dibromoethane	ND		ug/kg	1.8	0.51	1
1,3-Dichloropropane	ND		ug/kg	3.6	0.30	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.91	0.24	1
Bromobenzene	ND		ug/kg	3.6	0.26	1
n-Butylbenzene	ND		ug/kg	1.8	0.30	1
sec-Butylbenzene	ND		ug/kg	1.8	0.26	1
tert-Butylbenzene	ND		ug/kg	3.6	0.21	1
o-Chlorotoluene	ND		ug/kg	3.6	0.35	1
p-Chlorotoluene	ND		ug/kg	3.6	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.4	1.8	1
Hexachlorobutadiene	ND		ug/kg	7.3	0.31	1
Isopropylbenzene	ND		ug/kg	1.8	0.20	1
p-Isopropyltoluene	ND		ug/kg	1.8	0.20	1
Naphthalene	ND		ug/kg	7.3	1.2	1
Acrylonitrile	ND		ug/kg	7.3	2.1	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-07 Date Collected: 06/14/21 09:50

Client ID: SRI-6 (2-2.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.8	0.31	1
1,2,3-Trichlorobenzene	ND		ug/kg	3.6	0.58	1
1,2,4-Trichlorobenzene	ND		ug/kg	3.6	0.49	1
1,3,5-Trimethylbenzene	ND		ug/kg	3.6	0.35	1
1,2,4-Trimethylbenzene	ND		ug/kg	3.6	0.61	1
1,4-Dioxane	ND		ug/kg	140	64.	1
p-Diethylbenzene	ND		ug/kg	3.6	0.32	1
p-Ethyltoluene	ND		ug/kg	3.6	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	3.6	0.35	1
Ethyl ether	ND		ug/kg	3.6	0.62	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	9.1	2.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	98		70-130

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-08
Client ID: SRI-6 (26.5-27)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 10:00
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/20/21 15:56
Analyst: JC
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.1	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.5	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27	1
Tetrachloroethene	0.48	J	ug/kg	0.51	0.20	1
Chlorobenzene	ND		ug/kg	0.51	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.71	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.51	0.17	1
Bromodichloromethane	ND		ug/kg	0.51	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.51	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.51	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.51	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.51	0.17	1
Benzene	ND		ug/kg	0.51	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.0	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.34	1
Chloroethane	ND		ug/kg	2.0	0.46	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-08 Date Collected: 06/14/21 10:00

Client ID: SRI-6 (26.5-27) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.51	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.0	0.21	1
p/m-Xylene	ND		ug/kg	2.0	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.0	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	4.9	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.0	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.0	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.0	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.51	0.14	1
Bromobenzene	ND		ug/kg	2.0	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.0	0.12	1
o-Chlorotoluene	ND		ug/kg	2.0	0.20	1
p-Chlorotoluene	ND		ug/kg	2.0	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-08 Date Collected: 06/14/21 10:00

Client ID: SRI-6 (26.5-27) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.34	1
1,4-Dioxane	ND		ug/kg	82	36.	1
p-Diethylbenzene	ND		ug/kg	2.0	0.18	1
p-Ethyltoluene	ND		ug/kg	2.0	0.39	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.20	1
Ethyl ether	ND		ug/kg	2.0	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.1	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	107		70-130
Dibromofluoromethane	98		70-130

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-09
Client ID: SRI-7 (1.5-2)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/14/21 15:00
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/20/21 16:20
Analyst: JC
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.7	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.94	0.14	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.94	0.22	1
1,2-Dichloropropane	ND		ug/kg	0.94	0.12	1
Dibromochloromethane	ND		ug/kg	0.94	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.94	0.25	1
Tetrachloroethene	ND		ug/kg	0.47	0.18	1
Chlorobenzene	ND		ug/kg	0.47	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.65	1
1,2-Dichloroethane	ND		ug/kg	0.94	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.47	0.16	1
Bromodichloromethane	ND		ug/kg	0.47	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.94	0.26	1
cis-1,3-Dichloropropene	ND		ug/kg	0.47	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.47	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.47	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.47	0.16	1
Benzene	ND		ug/kg	0.47	0.16	1
Toluene	ND		ug/kg	0.94	0.51	1
Ethylbenzene	ND		ug/kg	0.94	0.13	1
Chloromethane	ND		ug/kg	3.7	0.87	1
Bromomethane	ND		ug/kg	1.9	0.54	1
Vinyl chloride	ND		ug/kg	0.94	0.31	1
Chloroethane	ND		ug/kg	1.9	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.94	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-09 Date Collected: 06/14/21 15:00

Client ID: SRI-7 (1.5-2) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.47	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.9	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.9	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.9	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.9	0.19	1
p/m-Xylene	ND		ug/kg	1.9	0.52	1
o-Xylene	ND		ug/kg	0.94	0.27	1
Xylenes, Total	ND		ug/kg	0.94	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.94	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.94	0.13	1
Dibromomethane	ND		ug/kg	1.9	0.22	1
Styrene	ND		ug/kg	0.94	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.4	0.86	1
Acetone	ND		ug/kg	9.4	4.5	1
Carbon disulfide	ND		ug/kg	9.4	4.3	1
2-Butanone	ND		ug/kg	9.4	2.1	1
Vinyl acetate	ND		ug/kg	9.4	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.4	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.9	0.12	1
2-Hexanone	ND		ug/kg	9.4	1.1	1
Bromochloromethane	ND		ug/kg	1.9	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.9	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.94	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.9	0.16	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.47	0.12	1
Bromobenzene	ND		ug/kg	1.9	0.14	1
n-Butylbenzene	ND		ug/kg	0.94	0.16	1
sec-Butylbenzene	ND		ug/kg	0.94	0.14	1
tert-Butylbenzene	ND		ug/kg	1.9	0.11	1
o-Chlorotoluene	ND		ug/kg	1.9	0.18	1
p-Chlorotoluene	ND		ug/kg	1.9	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.94	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.94	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.94	0.10	1
Naphthalene	ND		ug/kg	3.7	0.61	1
Acrylonitrile	ND		ug/kg	3.7	1.1	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-09 Date Collected: 06/14/21 15:00

Client ID: SRI-7 (1.5-2) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.94	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.9	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.9	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.9	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.9	0.31	1
1,4-Dioxane	ND		ug/kg	75	33.	1
p-Diethylbenzene	ND		ug/kg	1.9	0.16	1
p-Ethyltoluene	ND		ug/kg	1.9	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.9	0.18	1
Ethyl ether	ND		ug/kg	1.9	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.7	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	99		70-130

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-10
Client ID: SRI-7 (24.5-25)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 15:30
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/20/21 16:45
Analyst: JC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.2	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.0	0.15	1
Chloroform	ND		ug/kg	1.6	0.14	1
Carbon tetrachloride	ND		ug/kg	1.0	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.0	0.13	1
Dibromochloromethane	ND		ug/kg	1.0	0.14	1
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.28	1
Tetrachloroethene	0.29	J	ug/kg	0.52	0.20	1
Chlorobenzene	ND		ug/kg	0.52	0.13	1
Trichlorofluoromethane	ND		ug/kg	4.1	0.72	1
1,2-Dichloroethane	ND		ug/kg	1.0	0.26	1
1,1,1-Trichloroethane	ND		ug/kg	0.52	0.17	1
Bromodichloromethane	ND		ug/kg	0.52	0.11	1
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.28	1
cis-1,3-Dichloropropene	ND		ug/kg	0.52	0.16	1
1,3-Dichloropropene, Total	ND		ug/kg	0.52	0.16	1
1,1-Dichloropropene	ND		ug/kg	0.52	0.16	1
Bromoform	ND		ug/kg	4.1	0.25	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.52	0.17	1
Benzene	ND		ug/kg	0.52	0.17	1
Toluene	ND		ug/kg	1.0	0.56	1
Ethylbenzene	ND		ug/kg	1.0	0.14	1
Chloromethane	ND		ug/kg	4.1	0.96	1
Bromomethane	ND		ug/kg	2.1	0.60	1
Vinyl chloride	ND		ug/kg	1.0	0.35	1
Chloroethane	ND		ug/kg	2.1	0.47	1
1,1-Dichloroethene	ND		ug/kg	1.0	0.24	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-10 Date Collected: 06/14/21 15:30

Client ID: SRI-7 (24.5-25) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.52	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.58	1
o-Xylene	ND		ug/kg	1.0	0.30	1
Xylenes, Total	ND		ug/kg	1.0	0.30	1
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18	1
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.24	1
Styrene	ND		ug/kg	1.0	0.20	1
Dichlorodifluoromethane	ND		ug/kg	10	0.94	1
Acetone	ND		ug/kg	10	5.0	1
Carbon disulfide	ND		ug/kg	10	4.7	1
2-Butanone	ND		ug/kg	10	2.3	1
Vinyl acetate	ND		ug/kg	10	2.2	1
4-Methyl-2-pentanone	ND		ug/kg	10	1.3	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.13	1
2-Hexanone	ND		ug/kg	10	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.21	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.21	1
1,2-Dibromoethane	ND		ug/kg	1.0	0.29	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.17	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.52	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.0	0.17	1
sec-Butylbenzene	ND		ug/kg	1.0	0.15	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.1	1.0	1
Hexachlorobutadiene	ND		ug/kg	4.1	0.17	1
Isopropylbenzene	ND		ug/kg	1.0	0.11	1
p-Isopropyltoluene	ND		ug/kg	1.0	0.11	1
Naphthalene	ND		ug/kg	4.1	0.67	1
Acrylonitrile	ND		ug/kg	4.1	1.2	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-10 Date Collected: 06/14/21 15:30

Client ID: SRI-7 (24.5-25) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.0	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.33	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.34	1
1,4-Dioxane	ND		ug/kg	83	36.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.18	1
p-Ethyltoluene	ND		ug/kg	2.1	0.40	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.35	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.2	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	105		70-130
Dibromofluoromethane	98		70-130

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-11
Client ID: FIELD BLANK
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 08:45
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/20/21 16:20
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-11 Date Collected: 06/15/21 08:45

Client ID: FIELD BLANK Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-11 Date Collected: 06/15/21 08:45

Client ID: FIELD BLANK Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	127		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	116		70-130

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-12
Client ID: TRIP BLANK
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/15/21 00:00
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/20/21 16:47
Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-12 Date Collected: 06/15/21 00:00

Client ID: TRIP BLANK Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-12 Date Collected: 06/15/21 00:00

Client ID: TRIP BLANK Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	128		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	118		70-130

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/20/21 13:01
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,04-10 Batch: WG1514806-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	0.93	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/20/21 13:01
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,04-10 Batch: WG1514806-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/20/21 13:01
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-02,04-10 Batch: WG1514806-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	94		70-130

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/20/21 13:01
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1514811-5					
Methylene chloride	ND		ug/kg	250	110
1,1-Dichloroethane	ND		ug/kg	50	7.2
Chloroform	ND		ug/kg	75	7.0
Carbon tetrachloride	ND		ug/kg	50	12.
1,2-Dichloropropane	ND		ug/kg	50	6.2
Dibromochloromethane	ND		ug/kg	50	7.0
1,1,2-Trichloroethane	ND		ug/kg	50	13.
Tetrachloroethene	ND		ug/kg	25	9.8
Chlorobenzene	ND		ug/kg	25	6.4
Trichlorofluoromethane	ND		ug/kg	200	35.
1,2-Dichloroethane	ND		ug/kg	50	13.
1,1,1-Trichloroethane	ND		ug/kg	25	8.4
Bromodichloromethane	ND		ug/kg	25	5.4
trans-1,3-Dichloropropene	ND		ug/kg	50	14.
cis-1,3-Dichloropropene	ND		ug/kg	25	7.9
1,3-Dichloropropene, Total	ND		ug/kg	25	7.9
1,1-Dichloropropene	ND		ug/kg	25	8.0
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	25	8.3
Benzene	ND		ug/kg	25	8.3
Toluene	ND		ug/kg	50	27.
Ethylbenzene	ND		ug/kg	50	7.0
Chloromethane	ND		ug/kg	200	47.
Bromomethane	46	J	ug/kg	100	29.
Vinyl chloride	ND		ug/kg	50	17.
Chloroethane	ND		ug/kg	100	23.
1,1-Dichloroethene	ND		ug/kg	50	12.
trans-1,2-Dichloroethene	ND		ug/kg	75	6.8
Trichloroethene	ND		ug/kg	25	6.8

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/20/21 13:01
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1514811-5					
1,2-Dichlorobenzene	ND		ug/kg	100	7.2
1,3-Dichlorobenzene	ND		ug/kg	100	7.4
1,4-Dichlorobenzene	ND		ug/kg	100	8.6
Methyl tert butyl ether	ND		ug/kg	100	10.
p/m-Xylene	ND		ug/kg	100	28.
o-Xylene	ND		ug/kg	50	14.
Xylenes, Total	ND		ug/kg	50	14.
cis-1,2-Dichloroethene	ND		ug/kg	50	8.8
1,2-Dichloroethene, Total	ND		ug/kg	50	6.8
Dibromomethane	ND		ug/kg	100	12.
Styrene	ND		ug/kg	50	9.8
Dichlorodifluoromethane	ND		ug/kg	500	46.
Acetone	ND		ug/kg	500	240
Carbon disulfide	ND		ug/kg	500	230
2-Butanone	ND		ug/kg	500	110
Vinyl acetate	ND		ug/kg	500	110
4-Methyl-2-pentanone	ND		ug/kg	500	64.
1,2,3-Trichloropropane	ND		ug/kg	100	6.4
2-Hexanone	ND		ug/kg	500	59.
Bromochloromethane	ND		ug/kg	100	10.
2,2-Dichloropropane	ND		ug/kg	100	10.
1,2-Dibromoethane	ND		ug/kg	50	14.
1,3-Dichloropropane	ND		ug/kg	100	8.4
1,1,1,2-Tetrachloroethane	ND		ug/kg	25	6.6
Bromobenzene	ND		ug/kg	100	7.2
n-Butylbenzene	ND		ug/kg	50	8.4
sec-Butylbenzene	ND		ug/kg	50	7.3
tert-Butylbenzene	ND		ug/kg	100	5.9
o-Chlorotoluene	ND		ug/kg	100	9.6

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/20/21 13:01
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 High - Westborough Lab for sample(s): 03 Batch: WG1514811-5					
p-Chlorotoluene	ND		ug/kg	100	5.4
1,2-Dibromo-3-chloropropane	ND		ug/kg	150	50.
Hexachlorobutadiene	ND		ug/kg	200	8.4
Isopropylbenzene	ND		ug/kg	50	5.4
p-Isopropyltoluene	ND		ug/kg	50	5.4
Naphthalene	ND		ug/kg	200	32.
Acrylonitrile	ND		ug/kg	200	58.
n-Propylbenzene	ND		ug/kg	50	8.6
1,2,3-Trichlorobenzene	ND		ug/kg	100	16.
1,2,4-Trichlorobenzene	ND		ug/kg	100	14.
1,3,5-Trimethylbenzene	ND		ug/kg	100	9.6
1,2,4-Trimethylbenzene	ND		ug/kg	100	17.
1,4-Dioxane	ND		ug/kg	4000	1800
p-Diethylbenzene	ND		ug/kg	100	8.8
p-Ethyltoluene	ND		ug/kg	100	19.
1,2,4,5-Tetramethylbenzene	ND		ug/kg	100	9.6
Ethyl ether	ND		ug/kg	100	17.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	71.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	94		70-130

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/20/21 08:47
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 11-12 Batch: WG1514954-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/20/21 08:47
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 11-12 Batch: WG1514954-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/20/21 08:47
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 11-12 Batch: WG1514954-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	109		70-130

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/21/21 08:31
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03 Batch: WG1515338-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	1.0	J	ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/21/21 08:31
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03 Batch: WG1515338-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/21/21 08:31
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 03 Batch: WG1515338-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	106		70-130
Dibromofluoromethane	95		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132198

Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04-10 Batch: WG1514806-3 WG1514806-4								
Methylene chloride	86		84		70-130	2		30
1,1-Dichloroethane	98		95		70-130	3		30
Chloroform	92		89		70-130	3		30
Carbon tetrachloride	101		97		70-130	4		30
1,2-Dichloropropane	96		92		70-130	4		30
Dibromochloromethane	83		82		70-130	1		30
1,1,2-Trichloroethane	88		86		70-130	2		30
Tetrachloroethene	95		91		70-130	4		30
Chlorobenzene	85		83		70-130	2		30
Trichlorofluoromethane	105		100		70-139	5		30
1,2-Dichloroethane	89		86		70-130	3		30
1,1,1-Trichloroethane	97		93		70-130	4		30
Bromodichloromethane	85		83		70-130	2		30
trans-1,3-Dichloropropene	95		92		70-130	3		30
cis-1,3-Dichloropropene	90		87		70-130	3		30
1,1-Dichloropropene	103		98		70-130	5		30
Bromoform	84		81		70-130	4		30
1,1,2,2-Tetrachloroethane	82		78		70-130	5		30
Benzene	91		87		70-130	4		30
Toluene	92		89		70-130	3		30
Ethylbenzene	98		94		70-130	4		30
Chloromethane	112		106		52-130	6		30
Bromomethane	**150**	Q	141		57-147	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132198

Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04-10 Batch: WG1514806-3 WG1514806-4								
Vinyl chloride	96		91		67-130	5		30
Chloroethane	84		81		50-151	4		30
1,1-Dichloroethene	102		98		65-135	4		30
trans-1,2-Dichloroethene	98		94		70-130	4		30
Trichloroethene	94		92		70-130	2		30
1,2-Dichlorobenzene	89		86		70-130	3		30
1,3-Dichlorobenzene	91		88		70-130	3		30
1,4-Dichlorobenzene	90		87		70-130	3		30
Methyl tert butyl ether	90		87		66-130	3		30
p/m-Xylene	91		88		70-130	3		30
o-Xylene	89		86		70-130	3		30
cis-1,2-Dichloroethene	92		89		70-130	3		30
Dibromomethane	87		84		70-130	4		30
Styrene	86		84		70-130	2		30
Dichlorodifluoromethane	93		88		30-146	6		30
Acetone	92		86		54-140	7		30
Carbon disulfide	96		91		59-130	5		30
2-Butanone	92		87		70-130	6		30
Vinyl acetate	92		86		70-130	7		30
4-Methyl-2-pentanone	94		89		70-130	5		30
1,2,3-Trichloropropane	89		85		68-130	5		30
2-Hexanone	91		87		70-130	4		30
Bromochloromethane	89		85		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132198

Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04-10 Batch: WG1514806-3 WG1514806-4								
2,2-Dichloropropane	105		100		70-130	5		30
1,2-Dibromoethane	83		81		70-130	2		30
1,3-Dichloropropane	91		88		69-130	3		30
1,1,1,2-Tetrachloroethane	85		82		70-130	4		30
Bromobenzene	87		84		70-130	4		30
n-Butylbenzene	103		100		70-130	3		30
sec-Butylbenzene	103		99		70-130	4		30
tert-Butylbenzene	100		96		70-130	4		30
o-Chlorotoluene	97		94		70-130	3		30
p-Chlorotoluene	97		92		70-130	5		30
1,2-Dibromo-3-chloropropane	85		81		68-130	5		30
Hexachlorobutadiene	94		92		67-130	2		30
Isopropylbenzene	100		97		70-130	3		30
p-Isopropyltoluene	102		98		70-130	4		30
Naphthalene	87		85		70-130	2		30
Acrylonitrile	98		93		70-130	5		30
n-Propylbenzene	103		99		70-130	4		30
1,2,3-Trichlorobenzene	87		85		70-130	2		30
1,2,4-Trichlorobenzene	90		89		70-130	1		30
1,3,5-Trimethylbenzene	98		95		70-130	3		30
1,2,4-Trimethylbenzene	97		94		70-130	3		30
1,4-Dioxane	84		82		65-136	2		30
p-Diethylbenzene	102		98		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-02,04-10 Batch: WG1514806-3 WG1514806-4								
p-Ethyltoluene	100		97		70-130	3		30
1,2,4,5-Tetramethylbenzene	98		95		70-130	3		30
Ethyl ether	91		87		67-130	4		30
trans-1,4-Dichloro-2-butene	94		89		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		97		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	105		104		70-130
Dibromofluoromethane	96		95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1514811-3 WG1514811-4								
Methylene chloride	86		84		70-130	2		30
1,1-Dichloroethane	98		95		70-130	3		30
Chloroform	92		89		70-130	3		30
Carbon tetrachloride	101		97		70-130	4		30
1,2-Dichloropropane	96		92		70-130	4		30
Dibromochloromethane	83		82		70-130	1		30
1,1,2-Trichloroethane	88		86		70-130	2		30
Tetrachloroethene	95		91		70-130	4		30
Chlorobenzene	85		83		70-130	2		30
Trichlorofluoromethane	105		100		70-139	5		30
1,2-Dichloroethane	89		86		70-130	3		30
1,1,1-Trichloroethane	97		93		70-130	4		30
Bromodichloromethane	85		83		70-130	2		30
trans-1,3-Dichloropropene	95		92		70-130	3		30
cis-1,3-Dichloropropene	90		87		70-130	3		30
1,1-Dichloropropene	103		98		70-130	5		30
Bromoform	84		81		70-130	4		30
1,1,2,2-Tetrachloroethane	82		78		70-130	5		30
Benzene	91		87		70-130	4		30
Toluene	92		89		70-130	3		30
Ethylbenzene	98		94		70-130	4		30
Chloromethane	112		106		52-130	6		30
Bromomethane	**150**	Q	141		57-147	6		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132198

Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1514811-3 WG1514811-4								
Vinyl chloride	96		91		67-130	5		30
Chloroethane	84		81		50-151	4		30
1,1-Dichloroethene	102		98		65-135	4		30
trans-1,2-Dichloroethene	98		94		70-130	4		30
Trichloroethene	94		92		70-130	2		30
1,2-Dichlorobenzene	89		86		70-130	3		30
1,3-Dichlorobenzene	91		88		70-130	3		30
1,4-Dichlorobenzene	90		87		70-130	3		30
Methyl tert butyl ether	90		87		66-130	3		30
p/m-Xylene	91		88		70-130	3		30
o-Xylene	89		86		70-130	3		30
cis-1,2-Dichloroethene	92		89		70-130	3		30
Dibromomethane	87		84		70-130	4		30
Styrene	86		84		70-130	2		30
Dichlorodifluoromethane	93		88		30-146	6		30
Acetone	92		86		54-140	7		30
Carbon disulfide	96		91		59-130	5		30
2-Butanone	92		87		70-130	6		30
Vinyl acetate	92		86		70-130	7		30
4-Methyl-2-pentanone	94		89		70-130	5		30
1,2,3-Trichloropropane	89		85		68-130	5		30
2-Hexanone	91		87		70-130	4		30
Bromochloromethane	89		85		70-130	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132198

Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1514811-3 WG1514811-4								
2,2-Dichloropropane	105		100		70-130	5		30
1,2-Dibromoethane	83		81		70-130	2		30
1,3-Dichloropropane	91		88		69-130	3		30
1,1,1,2-Tetrachloroethane	85		82		70-130	4		30
Bromobenzene	87		84		70-130	4		30
n-Butylbenzene	103		100		70-130	3		30
sec-Butylbenzene	103		99		70-130	4		30
tert-Butylbenzene	100		96		70-130	4		30
o-Chlorotoluene	97		94		70-130	3		30
p-Chlorotoluene	97		92		70-130	5		30
1,2-Dibromo-3-chloropropane	85		81		68-130	5		30
Hexachlorobutadiene	94		92		67-130	2		30
Isopropylbenzene	100		97		70-130	3		30
p-Isopropyltoluene	102		98		70-130	4		30
Naphthalene	87		85		70-130	2		30
Acrylonitrile	98		93		70-130	5		30
n-Propylbenzene	103		99		70-130	4		30
1,2,3-Trichlorobenzene	87		85		70-130	2		30
1,2,4-Trichlorobenzene	90		89		70-130	1		30
1,3,5-Trimethylbenzene	98		95		70-130	3		30
1,2,4-Trimethylbenzene	97		94		70-130	3		30
1,4-Dioxane	84		82		65-136	2		30
p-Diethylbenzene	102		98		70-130	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 High - Westborough Lab Associated sample(s): 03 Batch: WG1514811-3 WG1514811-4								
p-Ethyltoluene	100		97		70-130	3		30
1,2,4,5-Tetramethylbenzene	98		95		70-130	3		30
Ethyl ether	91		87		67-130	4		30
trans-1,4-Dichloro-2-butene	94		89		70-130	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		97		70-130
Toluene-d8	101		102		70-130
4-Bromofluorobenzene	105		104		70-130
Dibromofluoromethane	96		95		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-12 Batch: WG1514954-3 WG1514954-4								
Methylene chloride	97		100		70-130	3		20
1,1-Dichloroethane	94		100		70-130	6		20
Chloroform	100		110		70-130	10		20
Carbon tetrachloride	87		100		63-132	14		20
1,2-Dichloropropane	93		100		70-130	7		20
Dibromochloromethane	100		110		63-130	10		20
1,1,2-Trichloroethane	100		110		70-130	10		20
Tetrachloroethene	110		120		70-130	9		20
Chlorobenzene	100		110		75-130	10		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	98		110		70-130	12		20
1,1,1-Trichloroethane	100		110		67-130	10		20
Bromodichloromethane	99		110		67-130	11		20
trans-1,3-Dichloropropene	82		100		70-130	20		20
cis-1,3-Dichloropropene	87		100		70-130	14		20
1,1-Dichloropropene	98		110		70-130	12		20
Bromoform	96		110		54-136	14		20
1,1,2,2-Tetrachloroethane	110		120		67-130	9		20
Benzene	98		110		70-130	12		20
Toluene	98		110		70-130	12		20
Ethylbenzene	99		110		70-130	11		20
Chloromethane	82		84		64-130	2		20
Bromomethane	81		86		39-139	6		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-12 Batch: WG1514954-3 WG1514954-4								
Vinyl chloride	92		96		55-140	4		20
Chloroethane	80		80		55-138	0		20
1,1-Dichloroethene	99		110		61-145	11		20
trans-1,2-Dichloroethene	98		100		70-130	2		20
Trichloroethene	91		100		70-130	9		20
1,2-Dichlorobenzene	100		120		70-130	18		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	100		110		70-130	10		20
Methyl tert butyl ether	65		96		63-130	**39**	Q	20
p/m-Xylene	100		110		70-130	10		20
o-Xylene	100		105		70-130	5		20
cis-1,2-Dichloroethene	96		110		70-130	14		20
Dibromomethane	100		120		70-130	18		20
1,2,3-Trichloropropane	96		110		64-130	14		20
Acrylonitrile	98		120		70-130	20		20
Styrene	100		110		70-130	10		20
Dichlorodifluoromethane	95		100		36-147	5		20
Acetone	**150**	Q	140		58-148	7		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	82		96		63-138	16		20
Vinyl acetate	97		120		70-130	**21**	Q	20
4-Methyl-2-pentanone	96		120		59-130	**22**	Q	20
2-Hexanone	89		100		57-130	12		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-12 Batch: WG1514954-3 WG1514954-4								
Bromochloromethane	110		120		70-130	9		20
2,2-Dichloropropane	**41**	Q	86		63-133	**71**	Q	20
1,2-Dibromoethane	100		120		70-130	18		20
1,3-Dichloropropane	100		120		70-130	18		20
1,1,1,2-Tetrachloroethane	100		110		64-130	10		20
Bromobenzene	100		110		70-130	10		20
n-Butylbenzene	98		110		53-136	12		20
sec-Butylbenzene	96		100		70-130	4		20
tert-Butylbenzene	98		100		70-130	2		20
o-Chlorotoluene	98		100		70-130	2		20
p-Chlorotoluene	100		110		70-130	10		20
1,2-Dibromo-3-chloropropane	100		120		41-144	18		20
Hexachlorobutadiene	120		130		63-130	8		20
Isopropylbenzene	93		100		70-130	7		20
p-Isopropyltoluene	98		110		70-130	12		20
Naphthalene	91		120		70-130	**27**	Q	20
n-Propylbenzene	97		100		69-130	3		20
1,2,3-Trichlorobenzene	100		120		70-130	18		20
1,2,4-Trichlorobenzene	110		130		70-130	17		20
1,3,5-Trimethylbenzene	100		110		64-130	10		20
1,2,4-Trimethylbenzene	100		110		70-130	10		20
1,4-Dioxane	104		134		56-162	**25**	Q	20
p-Diethylbenzene	100		110		70-130	10		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132198

Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 11-12 Batch: WG1514954-3 WG1514954-4								
p-Ethyltoluene	98		100		70-130	2		20
1,2,4,5-Tetramethylbenzene	100		110		70-130	10		20
Ethyl ether	95		100		59-134	5		20
trans-1,4-Dichloro-2-butene	**44**	Q	**60**	Q	70-130	**31**	Q	20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	107		107		70-130
Toluene-d8	107		106		70-130
4-Bromofluorobenzene	104		100		70-130
Dibromofluoromethane	103		104		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03 Batch: WG1515338-3 WG1515338-4								
Methylene chloride	82		81		70-130	1		30
1,1-Dichloroethane	94		92		70-130	2		30
Chloroform	88		87		70-130	1		30
Carbon tetrachloride	95		93		70-130	2		30
1,2-Dichloropropane	91		89		70-130	2		30
Dibromochloromethane	79		79		70-130	0		30
1,1,2-Trichloroethane	83		83		70-130	0		30
Tetrachloroethene	86		84		70-130	2		30
Chlorobenzene	80		80		70-130	0		30
Trichlorofluoromethane	96		93		70-139	3		30
1,2-Dichloroethane	86		85		70-130	1		30
1,1,1-Trichloroethane	92		89		70-130	3		30
Bromodichloromethane	82		81		70-130	1		30
trans-1,3-Dichloropropene	90		90		70-130	0		30
cis-1,3-Dichloropropene	86		85		70-130	1		30
1,1-Dichloropropene	95		92		70-130	3		30
Bromoform	79		79		70-130	0		30
1,1,2,2-Tetrachloroethane	79		80		70-130	1		30
Benzene	85		83		70-130	2		30
Toluene	87		86		70-130	1		30
Ethylbenzene	92		90		70-130	2		30
Chloromethane	107		103		52-130	4		30
Bromomethane	142		135		57-147	5		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03 Batch: WG1515338-3 WG1515338-4								
Vinyl chloride	89		86		67-130	3		30
Chloroethane	78		75		50-151	4		30
1,1-Dichloroethene	93		90		65-135	3		30
trans-1,2-Dichloroethene	91		89		70-130	2		30
Trichloroethene	88		85		70-130	3		30
1,2-Dichlorobenzene	84		84		70-130	0		30
1,3-Dichlorobenzene	86		85		70-130	1		30
1,4-Dichlorobenzene	85		84		70-130	1		30
Methyl tert butyl ether	84		84		66-130	0		30
p/m-Xylene	85		84		70-130	1		30
o-Xylene	84		82		70-130	2		30
cis-1,2-Dichloroethene	87		85		70-130	2		30
Dibromomethane	83		82		70-130	1		30
Styrene	81		80		70-130	1		30
Dichlorodifluoromethane	85		83		30-146	2		30
Acetone	87		88		54-140	1		30
Carbon disulfide	89		86		59-130	3		30
2-Butanone	86		86		70-130	0		30
Vinyl acetate	91		90		70-130	1		30
4-Methyl-2-pentanone	86		88		70-130	2		30
1,2,3-Trichloropropane	85		85		68-130	0		30
2-Hexanone	85		86		70-130	1		30
Bromochloromethane	83		81		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03 Batch: WG1515338-3 WG1515338-4								
2,2-Dichloropropane	100		96		70-130	4		30
1,2-Dibromoethane	78		78		70-130	0		30
1,3-Dichloropropane	86		86		69-130	0		30
1,1,1,2-Tetrachloroethane	80		79		70-130	1		30
Bromobenzene	84		82		70-130	2		30
n-Butylbenzene	98		96		70-130	2		30
sec-Butylbenzene	96		94		70-130	2		30
tert-Butylbenzene	94		92		70-130	2		30
o-Chlorotoluene	93		91		70-130	2		30
p-Chlorotoluene	93		92		70-130	1		30
1,2-Dibromo-3-chloropropane	79		80		68-130	1		30
Hexachlorobutadiene	85		86		67-130	1		30
Isopropylbenzene	95		93		70-130	2		30
p-Isopropyltoluene	95		94		70-130	1		30
Naphthalene	81		83		70-130	2		30
Acrylonitrile	93		93		70-130	0		30
n-Propylbenzene	97		96		70-130	1		30
1,2,3-Trichlorobenzene	80		81		70-130	1		30
1,2,4-Trichlorobenzene	86		85		70-130	1		30
1,3,5-Trimethylbenzene	94		92		70-130	2		30
1,2,4-Trimethylbenzene	92		91		70-130	1		30
1,4-Dioxane	80		82		65-136	2		30
p-Diethylbenzene	96		94		70-130	2		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 03 Batch: WG1515338-3 WG1515338-4								
p-Ethyltoluene	95		93		70-130	2		30
1,2,4,5-Tetramethylbenzene	92		92		70-130	0		30
Ethyl ether	86		84		67-130	2		30
trans-1,4-Dichloro-2-butene	90		92		70-130	2		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		100		70-130
Toluene-d8	102		103		70-130
4-Bromofluorobenzene	105		105		70-130
Dibromofluoromethane	96		95		70-130

SEMIVOLATILES

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-01
Client ID: SRI-3 (2-2.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 12:50
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/22/21 13:25
Analyst: IM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 15:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	140	J	ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	18.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	ND		ug/kg	190	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	37.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	2000		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	43	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	64.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	35.	1
Di-n-octylphthalate	ND		ug/kg	190	63.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-01 Date Collected: 06/14/21 12:50

Client ID: SRI-3 (2-2.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	920		ug/kg	110	21.	1
Benzo(a)pyrene	770		ug/kg	150	46.	1
Benzo(b)fluoranthene	970		ug/kg	110	31.	1
Benzo(k)fluoranthene	350		ug/kg	110	30.	1
Chrysene	870		ug/kg	110	19.	1
Acenaphthylene	92	J	ug/kg	150	29.	1
Anthracene	380		ug/kg	110	36.	1
Benzo(ghi)perylene	400		ug/kg	150	22.	1
Fluorene	120	J	ug/kg	190	18.	1
Phenanthrene	1600		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	110		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	440		ug/kg	150	26.	1
Pyrene	1800		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	77.	1
Dibenzofuran	88	J	ug/kg	190	18.	1
2-Methylnaphthalene	28	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	19.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-01 Date Collected: 06/14/21 12:50

Client ID: SRI-3 (2-2.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	190	57.	1
Carbazole	150	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	84		18-120

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-01
Client ID: SRI-3 (2-2.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 12:50
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/18/21 20:51
Analyst: MP
Percent Solids: 88%

Extraction Method: ALPHA 23528
Extraction Date: 06/16/21 08:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.524	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.524	0.048	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.262	0.041	1
Perfluorohexanoic Acid (PFHxA)	0.068	J	ng/g	0.524	0.055	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.262	0.047	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.262	0.063	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.262	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.524	0.188	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.524	0.143	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.262	0.079	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.262	0.136	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.262	0.070	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.524	0.301	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.286	J	ng/g	0.524	0.211	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.524	0.049	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.524	0.160	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.468	J	ng/g	0.524	0.089	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.524	0.073	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.524	0.214	1
Perfluorotetradecanoic Acid (PFTA)	0.071	J	ng/g	0.524	0.057	1
PFOA/PFOS, Total	ND		ng/g	0.262	0.044	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-01 Date Collected: 06/14/21 12:50

Client ID: SRI-3 (2-2.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	98		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	116		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	107		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	98		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	86		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	100		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	93		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	84		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	121		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	107		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	97		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	108		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	45		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	105		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	39		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	97		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	74		24-159

Project Name: 205 PARK AVENUE
Lab Number: L2132198
Project Number: 12.0076834.10
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-01
Client ID: SRI-3 (2-2.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 12:50
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/20/21 12:08
Analyst: SG
Percent Solids: 88%

Extraction Method: ALPHA 23528
Extraction Date: 06/16/21 08:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.524	0.103	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	78		10-117

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-02
Client ID: SRI-3 (28-28.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 13:00
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/22/21 13:49
Analyst: IM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 15:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	32.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	37.	1
2,6-Dinitrotoluene	ND		ug/kg	180	32.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	530	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	ND		ug/kg	180	23.	1
Nitrobenzene	ND		ug/kg	170	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	64.	1
Butyl benzyl phthalate	ND		ug/kg	180	47.	1
Di-n-butylphthalate	ND		ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	63.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-02 Date Collected: 06/14/21 13:00

Client ID: SRI-3 (28-28.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	39.	1
Benzo(a)anthracene	ND		ug/kg	110	21.	1
Benzo(a)pyrene	ND		ug/kg	150	45.	1
Benzo(b)fluoranthene	ND		ug/kg	110	31.	1
Benzo(k)fluoranthene	ND		ug/kg	110	30.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	150	29.	1
Anthracene	ND		ug/kg	110	36.	1
Benzo(ghi)perylene	ND		ug/kg	150	22.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	150	26.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	420	43.	1
4-Chloroaniline	ND		ug/kg	180	34.	1
2-Nitroaniline	ND		ug/kg	180	36.	1
3-Nitroaniline	ND		ug/kg	180	35.	1
4-Nitroaniline	ND		ug/kg	180	77.	1
Dibenzofuran	ND		ug/kg	180	18.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	28.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	180	61.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	890	86.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	89.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-02 Date Collected: 06/14/21 13:00

Client ID: SRI-3 (28-28.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	36.	1
Benzoic Acid	ND		ug/kg	600	190	1
Benzyl Alcohol	ND		ug/kg	180	57.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	28	8.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	77		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	85		10-136
4-Terphenyl-d14	82		18-120

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-02
Client ID: SRI-3 (28-28.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 13:00
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/18/21 21:24
Analyst: MP
Percent Solids: 88%

Extraction Method: ALPHA 23528
Extraction Date: 06/16/21 08:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.532	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.532	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.266	0.042	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.532	0.056	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.266	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.266	0.064	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.266	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.532	0.191	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.532	0.145	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.266	0.080	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.266	0.138	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.266	0.071	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.532	0.306	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.249	J	ng/g	0.532	0.214	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.532	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.532	0.163	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.532	0.104	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.236	J	ng/g	0.532	0.090	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.532	0.075	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.532	0.218	1
Perfluorotetradecanoic Acid (PFTA)	0.061	J	ng/g	0.532	0.058	1
PFOA/PFOS, Total	ND		ng/g	0.266	0.045	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-02 Date Collected: 06/14/21 13:00

Client ID: SRI-3 (28-28.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	99		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	118		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	108		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	98		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	86		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	99		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	96		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	88		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	120		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	111		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	98		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	110		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	45		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	104		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	22		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	39		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	99		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	89		24-159

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-03
Client ID: SRI-4 (1-1.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 10:46
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/22/21 14:13
Analyst: IM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 15:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	40	J	ug/kg	150	20.	1
1,2,4-Trichlorobenzene	ND		ug/kg	190	22.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	26.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
1,2-Dichlorobenzene	ND		ug/kg	190	34.	1
1,3-Dichlorobenzene	ND		ug/kg	190	32.	1
1,4-Dichlorobenzene	42	J	ug/kg	190	33.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	910		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	230	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	28.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	76	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	670		ug/kg	190	65.	1
Butyl benzyl phthalate	7200		ug/kg	190	48.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-03 Date Collected: 06/14/21 10:46

Client ID: SRI-4 (1-1.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	40.	1
Benzo(a)anthracene	510		ug/kg	110	21.	1
Benzo(a)pyrene	500		ug/kg	150	46.	1
Benzo(b)fluoranthene	710		ug/kg	110	32.	1
Benzo(k)fluoranthene	210		ug/kg	110	30.	1
Chrysene	530		ug/kg	110	20.	1
Acenaphthylene	65	J	ug/kg	150	29.	1
Anthracene	120		ug/kg	110	37.	1
Benzo(ghi)perylene	410		ug/kg	150	22.	1
Fluorene	36	J	ug/kg	190	18.	1
Phenanthrene	490		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	120		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	400		ug/kg	150	26.	1
Pyrene	800		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	44.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	36.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	33	J	ug/kg	190	18.	1
2-Methylnaphthalene	25	J	ug/kg	230	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	72	J	ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	410	71.	1
4-Nitrophenol	ND		ug/kg	260	77.	1
2,4-Dinitrophenol	ND		ug/kg	910	88.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	91.	1
Pentachlorophenol	ND		ug/kg	150	42.	1
Phenol	38	J	ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	30.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-03 Date Collected: 06/14/21 10:46

Client ID: SRI-4 (1-1.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Benzoic Acid	ND		ug/kg	610	190	1
Benzyl Alcohol	ND		ug/kg	190	58.	1
Carbazole	82	J	ug/kg	190	18.	1
1,4-Dioxane	ND		ug/kg	28	8.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	78		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	55		18-120

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-03
Client ID: SRI-4 (1-1.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 10:46
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/18/21 21:57
Analyst: MP
Percent Solids: 87%

Extraction Method: ALPHA 23528
Extraction Date: 06/16/21 08:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.035	J	ng/g	0.510	0.023	1
Perfluoropentanoic Acid (PFPeA)	0.098	J	ng/g	0.510	0.047	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.255	0.040	1
Perfluorohexanoic Acid (PFHxA)	0.132	J	ng/g	0.510	0.054	1
Perfluoroheptanoic Acid (PFHpA)	0.056	J	ng/g	0.255	0.046	1
Perfluorohexanesulfonic Acid (PFHxS)	0.070	J	ng/g	0.255	0.062	1
Perfluorooctanoic Acid (PFOA)	0.213	J	ng/g	0.255	0.043	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.510	0.183	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.510	0.139	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.255	0.077	1
Perfluorooctanesulfonic Acid (PFOS)	2.93		ng/g	0.255	0.133	1
Perfluorodecanoic Acid (PFDA)	0.093	JF	ng/g	0.255	0.068	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.510	0.293	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.510	0.206	1
Perfluoroundecanoic Acid (PFUnA)	0.083	J	ng/g	0.510	0.048	1
Perfluorodecanesulfonic Acid (PFDS)	3.80		ng/g	0.510	0.156	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.510	0.100	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.861	F	ng/g	0.510	0.086	1
Perfluorododecanoic Acid (PFDoA)	0.079	JF	ng/g	0.510	0.071	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.510	0.209	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.510	0.055	1
PFOA/PFOS, Total	3.14	J	ng/g	0.255	0.043	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-03 Date Collected: 06/14/21 10:46

Client ID: SRI-4 (1-1.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	102		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	122		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	115		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	105		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	88		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	104		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	100		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	97		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	124		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	113		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	100		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	108		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	54		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	110		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	16		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	52		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	110		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	87		24-159

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-04
Client ID: SRI-4 (26.5-27)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 10:55
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/22/21 14:37
Analyst: IM
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 15:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	510	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	110	J	ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-04 Date Collected: 06/14/21 10:55

Client ID: SRI-4 (26.5-27) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	74.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	59.	1
2-Nitrophenol	ND		ug/kg	390	67.	1
4-Nitrophenol	ND		ug/kg	250	73.	1
2,4-Dinitrophenol	ND		ug/kg	860	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	86.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-04 Date Collected: 06/14/21 10:55

Client ID: SRI-4 (26.5-27) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	27	8.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	76		25-120
Phenol-d6	75		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	89		10-136
4-Terphenyl-d14	75		18-120

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-04
Client ID: SRI-4 (26.5-27)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 10:55
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/18/21 22:13
Analyst: MP
Percent Solids: 92%

Extraction Method: ALPHA 23528
Extraction Date: 06/16/21 08:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.477	0.022	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.477	0.044	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.239	0.037	1
Perfluorohexanoic Acid (PFHxA)	0.056	J	ng/g	0.477	0.050	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.239	0.043	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.239	0.058	1
Perfluorooctanoic Acid (PFOA)	0.134	J	ng/g	0.239	0.040	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.477	0.171	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.477	0.130	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.239	0.072	1
Perfluorooctanesulfonic Acid (PFOS)	0.644		ng/g	0.239	0.124	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.239	0.064	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.477	0.274	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.477	0.192	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.477	0.045	1
Perfluorodecanesulfonic Acid (PFDS)	0.255	J	ng/g	0.477	0.146	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.477	0.094	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.477	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.477	0.067	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.477	0.195	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.477	0.052	1
PFOA/PFOS, Total	0.778	J	ng/g	0.239	0.040	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-04 Date Collected: 06/14/21 10:55

Client ID: SRI-4 (26.5-27) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	98		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	118		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	110		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	100		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	87		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	101		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	96		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	84		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	120		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	110		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	99		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	112		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	54		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	108		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	53		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	48		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	104		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	104		24-159

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-05
Client ID: SRI-5 (1.5-2)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 11:40
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/22/21 15:01
Analyst: IM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 15:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	910		ug/kg	150	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	25.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	33.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	49.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	4100		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	620		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	330		ug/kg	180	63.	1
Butyl benzyl phthalate	48	J	ug/kg	180	46.	1
Di-n-butylphthalate	86	J	ug/kg	180	35.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-05 Date Collected: 06/14/21 11:40

Client ID: SRI-5 (1.5-2) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	2200		ug/kg	110	20.	1
Benzo(a)pyrene	1600		ug/kg	150	44.	1
Benzo(b)fluoranthene	2200		ug/kg	110	31.	1
Benzo(k)fluoranthene	790		ug/kg	110	29.	1
Chrysene	1800		ug/kg	110	19.	1
Acenaphthylene	100	J	ug/kg	150	28.	1
Anthracene	1200		ug/kg	110	36.	1
Benzo(ghi)perylene	960		ug/kg	150	21.	1
Fluorene	600		ug/kg	180	18.	1
Phenanthrene	4000		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	250		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	1100		ug/kg	150	25.	1
Pyrene	3400		ug/kg	110	18.	1
Biphenyl	49	J	ug/kg	420	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	76.	1
Dibenzofuran	380		ug/kg	180	17.	1
2-Methylnaphthalene	190	J	ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	35.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	22.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	69.	1
4-Nitrophenol	ND		ug/kg	260	74.	1
2,4-Dinitrophenol	ND		ug/kg	880	85.	1
4,6-Dinitro-o-cresol	ND		ug/kg	480	88.	1
Pentachlorophenol	ND		ug/kg	150	40.	1
Phenol	ND		ug/kg	180	28.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	29.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-05 Date Collected: 06/14/21 11:40

Client ID: SRI-5 (1.5-2) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	56.	1
Carbazole	560		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	72		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	66		18-120

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-05
Client ID: SRI-5 (1.5-2)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 11:40
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/18/21 22:30
Analyst: MP
Percent Solids: 90%

Extraction Method: ALPHA 23528
Extraction Date: 06/16/21 08:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.533	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.533	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.267	0.042	1
Perfluorohexanoic Acid (PFHxA)	0.085	J	ng/g	0.533	0.056	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.267	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	0.088	J	ng/g	0.267	0.065	1
Perfluorooctanoic Acid (PFOA)	0.160	J	ng/g	0.267	0.045	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.533	0.191	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.533	0.146	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.267	0.080	1
Perfluorooctanesulfonic Acid (PFOS)	3.44		ng/g	0.267	0.139	1
Perfluorodecanoic Acid (PFDA)	0.119	J	ng/g	0.267	0.072	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.533	0.306	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.533	0.215	1
Perfluoroundecanoic Acid (PFUnA)	0.141	J	ng/g	0.533	0.050	1
Perfluorodecanesulfonic Acid (PFDS)	1.51		ng/g	0.533	0.163	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.533	0.104	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.197	J	ng/g	0.533	0.090	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.533	0.075	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.533	0.218	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.533	0.058	1
PFOA/PFOS, Total	3.60	J	ng/g	0.267	0.045	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-05 Date Collected: 06/14/21 11:40

Client ID: SRI-5 (1.5-2) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	103		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	121		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	112		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	106		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	90		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	104		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	101		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	95		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	129		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	111		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	102		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	119		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	63		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	114		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	63		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	57		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	107		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	108		24-159

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-06
Client ID: SRI-5 (27-27.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 11:55
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/22/21 15:48
Analyst: JG
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 15:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	940		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	4800		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	670		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	77	J	ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-06 Date Collected: 06/14/21 11:55

Client ID: SRI-5 (27-27.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	37.	1
Benzo(a)anthracene	2800		ug/kg	100	20.	1
Benzo(a)pyrene	2100		ug/kg	140	42.	1
Benzo(b)fluoranthene	2600		ug/kg	100	29.	1
Benzo(k)fluoranthene	850		ug/kg	100	28.	1
Chrysene	2500		ug/kg	100	18.	1
Acenaphthylene	230		ug/kg	140	27.	1
Anthracene	1300		ug/kg	100	34.	1
Benzo(ghi)perylene	1100		ug/kg	140	20.	1
Fluorene	700		ug/kg	170	17.	1
Phenanthrene	5000		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	280		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	1200		ug/kg	140	24.	1
Pyrene	4800		ug/kg	100	17.	1
Biphenyl	58	J	ug/kg	400	40.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	420		ug/kg	170	16.	1
2-Methylnaphthalene	220		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-06 Date Collected: 06/14/21 11:55

Client ID: SRI-5 (27-27.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	570		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	73		30-120
2,4,6-Tribromophenol	87		10-136
4-Terphenyl-d14	69		18-120

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-06
Client ID: SRI-5 (27-27.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 11:55
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/18/21 22:46
Analyst: MP
Percent Solids: 95%

Extraction Method: ALPHA 23528
Extraction Date: 06/16/21 08:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.489	0.022	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.489	0.045	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.244	0.038	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.489	0.051	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.244	0.044	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.244	0.059	1
Perfluorooctanoic Acid (PFOA)	0.126	J	ng/g	0.244	0.041	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.489	0.176	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.489	0.133	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.244	0.073	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.244	0.127	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.244	0.066	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.489	0.281	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.489	0.197	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.489	0.046	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.489	0.150	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.489	0.096	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.489	0.083	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.489	0.068	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.489	0.200	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.489	0.053	1
PFOA/PFOS, Total	0.126	J	ng/g	0.244	0.041	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-06 Date Collected: 06/14/21 11:55

Client ID: SRI-5 (27-27.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	105		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	124		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	116		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	107		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	92		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	107		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	102		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	99		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	128		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	115		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	105		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	117		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	70		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	118		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	81		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	60		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	107		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	97		24-159

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-07
Client ID: SRI-6 (2-2.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 09:50
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/22/21 16:12
Analyst: JG
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 15:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	190		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	2300		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	170	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	75	J	ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	60.	1
Butyl benzyl phthalate	ND		ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-07 Date Collected: 06/14/21 09:50

Client ID: SRI-6 (2-2.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	37.	1
Benzo(a)anthracene	1100		ug/kg	100	20.	1
Benzo(a)pyrene	800		ug/kg	140	43.	1
Benzo(b)fluoranthene	1000		ug/kg	100	29.	1
Benzo(k)fluoranthene	370		ug/kg	100	28.	1
Chrysene	1000		ug/kg	100	18.	1
Acenaphthylene	45	J	ug/kg	140	27.	1
Anthracene	470		ug/kg	100	34.	1
Benzo(ghi)perylene	440		ug/kg	140	20.	1
Fluorene	190		ug/kg	170	17.	1
Phenanthrene	2300		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	120		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	510		ug/kg	140	24.	1
Pyrene	1900		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	40.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	130	J	ug/kg	170	16.	1
2-Methylnaphthalene	42	J	ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-07 Date Collected: 06/14/21 09:50

Client ID: SRI-6 (2-2.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	270		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	70		30-120
2,4,6-Tribromophenol	90		10-136
4-Terphenyl-d14	72		18-120

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-07
Client ID: SRI-6 (2-2.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 09:50
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/18/21 23:20
Analyst: MP
Percent Solids: 95%

Extraction Method: ALPHA 23528
Extraction Date: 06/16/21 08:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.466	0.021	1
Perfluoropentanoic Acid (PFPeA)	0.064	J	ng/g	0.466	0.043	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.233	0.036	1
Perfluorohexanoic Acid (PFHxA)	0.102	J	ng/g	0.466	0.049	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.233	0.042	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.233	0.056	1
Perfluorooctanoic Acid (PFOA)	0.066	J	ng/g	0.233	0.039	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.466	0.167	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.466	0.127	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.233	0.070	1
Perfluorooctanesulfonic Acid (PFOS)	0.132	J	ng/g	0.233	0.121	1
Perfluorodecanoic Acid (PFDA)	0.076	J	ng/g	0.233	0.063	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.466	0.268	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.567		ng/g	0.466	0.188	1
Perfluoroundecanoic Acid (PFUnA)	0.156	J	ng/g	0.466	0.044	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.466	0.143	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.466	0.091	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.562		ng/g	0.466	0.079	1
Perfluorododecanoic Acid (PFDoA)	0.160	J	ng/g	0.466	0.065	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.466	0.191	1
Perfluorotetradecanoic Acid (PFTA)	0.10	J	ng/g	0.466	0.050	1
PFOA/PFOS, Total	0.198	J	ng/g	0.233	0.039	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-07 Date Collected: 06/14/21 09:50

Client ID: SRI-6 (2-2.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	101		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	121		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	115		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	107		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	91		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	105		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	102		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	89		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	128		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	113		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	100		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	117		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	48		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	115		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	15		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	41		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	106		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	91		24-159

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-08
Client ID: SRI-6 (26.5-27)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 10:00
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/22/21 16:36
Analyst: JG
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 15:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	45.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	150	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-08 Date Collected: 06/14/21 10:00

Client ID: SRI-6 (26.5-27) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	16.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	40.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	70.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	79.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	37.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	27.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-08 Date Collected: 06/14/21 10:00

Client ID: SRI-6 (26.5-27) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	16.	1
1,4-Dioxane	ND		ug/kg	26	7.8	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	85		25-120
Phenol-d6	85		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	95		10-136
4-Terphenyl-d14	76		18-120

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-08
Client ID: SRI-6 (26.5-27)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 10:00
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/18/21 23:36
Analyst: MP
Percent Solids: 96%

Extraction Method: ALPHA 23528
Extraction Date: 06/16/21 08:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.480	0.022	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.480	0.044	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.240	0.038	1
Perfluorohexanoic Acid (PFHxA)	0.052	J	ng/g	0.480	0.050	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.240	0.043	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.240	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.240	0.040	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.480	0.172	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.480	0.131	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.240	0.072	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.240	0.125	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.240	0.064	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.480	0.276	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.480	0.194	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.480	0.045	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.480	0.147	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.480	0.094	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.180	J	ng/g	0.480	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.480	0.067	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.480	0.196	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.480	0.052	1
PFOA/PFOS, Total	ND		ng/g	0.240	0.040	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-08 Date Collected: 06/14/21 10:00

Client ID: SRI-6 (26.5-27) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	102		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	119		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	113		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	104		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	89		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	103		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	100		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	91		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	121		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	112		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	100		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	115		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	63		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	111		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	60		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	53		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	105		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	96		24-159

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-09
Client ID: SRI-7 (1.5-2)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 15:00
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/22/21 17:00
Analyst: JG
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 15:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	33	J	ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	35.	1
2,6-Dinitrotoluene	ND		ug/kg	170	30.	1
Fluoranthene	670		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	27.	1
Bis(2-ethylhexyl)phthalate	310		ug/kg	170	60.	1
Butyl benzyl phthalate	48	J	ug/kg	170	44.	1
Di-n-butylphthalate	ND		ug/kg	170	33.	1
Di-n-octylphthalate	ND		ug/kg	170	59.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-09 Date Collected: 06/14/21 15:00

Client ID: SRI-7 (1.5-2) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	360		ug/kg	100	20.	1
Benzo(a)pyrene	300		ug/kg	140	42.	1
Benzo(b)fluoranthene	430		ug/kg	100	29.	1
Benzo(k)fluoranthene	130		ug/kg	100	28.	1
Chrysene	330		ug/kg	100	18.	1
Acenaphthylene	49	J	ug/kg	140	27.	1
Anthracene	96	J	ug/kg	100	34.	1
Benzo(ghi)perylene	190		ug/kg	140	20.	1
Fluorene	33	J	ug/kg	170	17.	1
Phenanthrene	400		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	50	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	220		ug/kg	140	24.	1
Pyrene	570		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	40.	1
4-Chloroaniline	ND		ug/kg	170	32.	1
2-Nitroaniline	ND		ug/kg	170	34.	1
3-Nitroaniline	ND		ug/kg	170	33.	1
4-Nitroaniline	ND		ug/kg	170	72.	1
Dibenzofuran	17	J	ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	380	65.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	830	81.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	83.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-09 Date Collected: 06/14/21 15:00

Client ID: SRI-7 (1.5-2) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	180	1
Benzyl Alcohol	ND		ug/kg	170	53.	1
Carbazole	54	J	ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	79		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	88		10-136
4-Terphenyl-d14	72		18-120

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-09
Client ID: SRI-7 (1.5-2)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 15:00
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/18/21 23:53
Analyst: MP
Percent Solids: 94%

Extraction Method: ALPHA 23528
Extraction Date: 06/16/21 08:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.508	0.023	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.508	0.047	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.254	0.040	1
Perfluorohexanoic Acid (PFHxA)	0.054	J	ng/g	0.508	0.053	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.254	0.046	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.254	0.062	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.254	0.043	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.508	0.182	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.508	0.139	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.254	0.076	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.254	0.132	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.254	0.068	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.508	0.292	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.508	0.205	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.508	0.048	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.508	0.155	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.508	0.100	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.090	J	ng/g	0.508	0.086	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.508	0.071	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.508	0.208	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.508	0.055	1
PFOA/PFOS, Total	ND		ng/g	0.254	0.043	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-09 Date Collected: 06/14/21 15:00

Client ID: SRI-7 (1.5-2) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	105		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	125		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	116		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	107		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	91		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	105		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	103		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	96		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	125		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	116		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	100		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	119		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	59		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	108		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	25		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	50		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	98		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	75		24-159

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-10
Client ID: SRI-7 (24.5-25)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 15:30
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/22/21 17:24
Analyst: JG
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 15:47

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	31.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	46.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	60.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-10 Date Collected: 06/14/21 15:30

Client ID: SRI-7 (24.5-25) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	72.	1
Dibenzofuran	ND		ug/kg	180	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	71.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-10 Date Collected: 06/14/21 15:30

Client ID: SRI-7 (24.5-25) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.0	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	75		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	72		23-120
2-Fluorobiphenyl	80		30-120
2,4,6-Tribromophenol	100		10-136
4-Terphenyl-d14	87		18-120

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-10
Client ID: SRI-7 (24.5-25)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 15:30
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/19/21 00:09
Analyst: MP
Percent Solids: 93%

Extraction Method: ALPHA 23528
Extraction Date: 06/16/21 08:58

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.499	0.023	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.499	0.046	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.250	0.039	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.499	0.052	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.250	0.045	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.250	0.060	1
Perfluorooctanoic Acid (PFOA)	0.146	J	ng/g	0.250	0.042	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.499	0.179	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.499	0.136	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.250	0.075	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.250	0.130	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.250	0.067	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.499	0.286	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.499	0.201	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.499	0.047	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.499	0.153	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.499	0.098	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.499	0.084	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.499	0.070	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.499	0.204	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.499	0.054	1
PFOA/PFOS, Total	0.146	J	ng/g	0.250	0.042	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-10 Date Collected: 06/14/21 15:30

Client ID: SRI-7 (24.5-25) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	107		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	126		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	114		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	109		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	94		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	105		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	105		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	97		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	128		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	113		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	108		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	126		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	72		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	124		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	75		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	66		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	110		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	99		24-159

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-11
Client ID: FIELD BLANK
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 08:45
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 06/22/21 03:52
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/20/21 23:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/l	2.0	0.44	1
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Hexachlorobenzene	ND		ug/l	2.0	0.46	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
2-Chloronaphthalene	ND		ug/l	2.0	0.44	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
Fluoranthene	ND		ug/l	2.0	0.26	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorobutadiene	ND		ug/l	2.0	0.66	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Hexachloroethane	ND		ug/l	2.0	0.58	1
Isophorone	ND		ug/l	5.0	1.2	1
Naphthalene	ND		ug/l	2.0	0.46	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-11 Date Collected: 06/15/21 08:45

Client ID: FIELD BLANK Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Benzo(a)anthracene	ND		ug/l	2.0	0.32	1
Benzo(a)pyrene	ND		ug/l	2.0	0.41	1
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35	1
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37	1
Chrysene	ND		ug/l	2.0	0.34	1
Acenaphthylene	ND		ug/l	2.0	0.46	1
Anthracene	ND		ug/l	2.0	0.33	1
Benzo(ghi)perylene	ND		ug/l	2.0	0.30	1
Fluorene	ND		ug/l	2.0	0.41	1
Phenanthrene	ND		ug/l	2.0	0.33	1
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40	1
Pyrene	ND		ug/l	2.0	0.28	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1
Dibenzofuran	ND		ug/l	2.0	0.50	1
2-Methylnaphthalene	ND		ug/l	2.0	0.45	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Pentachlorophenol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-11 Date Collected: 06/15/21 08:45

Client ID: FIELD BLANK Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		21-120
Phenol-d6	58		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	78		10-120
4-Terphenyl-d14	81		41-149

Project Name: 205 PARK AVENUE
Lab Number: L2132198
Project Number: 12.0076834.10
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-11
Client ID: FIELD BLANK
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 08:45
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 06/22/21 17:46
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 06/21/21 08:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	77.0	J	ng/l	139	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	51		15-110

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-11
Client ID: FIELD BLANK
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 08:45
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/18/21 15:38
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 06/17/21 06:03

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.77	0.360	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.77	0.350	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.77	0.210	1
Perfluorohexanoic Acid (PFHxA)	0.417	J	ng/l	1.77	0.290	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.77	0.199	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.77	0.332	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.77	0.208	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.77	1.18	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.77	0.608	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.77	0.276	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.77	0.445	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.77	0.268	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.77	1.07	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.77	0.572	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.77	0.230	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.77	0.866	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.77	0.512	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.77	0.710	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.77	0.329	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.77	0.289	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.77	0.219	1
PFOA/PFOS, Total	ND		ng/l	1.77	0.208	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-11 Date Collected: 06/15/21 08:45

Client ID: FIELD BLANK Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	101		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	141		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	97		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	91		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	112		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	95		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	95		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	60		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	85		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	103		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	96		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	64		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	68		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	99		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	48		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	64		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	85		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	73		22-136

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/18/21 20:17
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 06/16/21 08:58

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-10 Batch: WG1512640-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.500	0.023
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.500	0.046
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.250	0.039
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.500	0.053
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.250	0.045
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.250	0.061
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.250	0.042
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.500	0.180
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.500	0.136
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.250	0.075
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.250	0.130
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.250	0.067
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.500	0.287
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.500	0.202
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.500	0.047
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.500	0.153
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.500	0.085
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.500	0.070
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.500	0.204
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.500	0.054
PFOA/PFOS, Total	ND		ng/g	0.250	0.042

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/18/21 20:17
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 06/16/21 08:58

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-10 Batch: WG1512640-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	109		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	129		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	117		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	108		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	90		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	110		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	104		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	95		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	131		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	119		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	106		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	122		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	79		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	118		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	65		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	62		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	103		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	89		24-159

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/20/21 11:54
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 06/16/21 08:58

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-10 Batch: WG1512640-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	104		10-117

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/18/21 12:27
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 06/17/21 06:03

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 11 Batch: WG1513230-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	0.380	J	ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/18/21 12:27
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 06/17/21 06:03

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 11 Batch: WG1513230-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	98		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	139		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	95		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	91		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	111		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	91		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	94		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	67		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	82		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	100		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	94		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	60		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	69		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	93		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	43		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	52		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	74		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	70		22-136

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/21/21 11:16
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/20/21 09:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11 Batch: WG1514463-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/21/21 11:16
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/20/21 09:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11 Batch: WG1514463-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/21/21 11:16
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/20/21 09:28

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 11 Batch: WG1514463-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	37		21-120
Phenol-d6	36		10-120
Nitrobenzene-d5	60		23-120
2-Fluorobiphenyl	54		15-120
2,4,6-Tribromophenol	40		10-120
4-Terphenyl-d14	73		41-149

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 06/22/21 10:32
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 06/21/21 08:00

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270D-SIM - Mansfield Lab for sample(s): 11 Batch: WG1514665-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	57		15-110

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/22/21 12:13
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/21/21 15:47

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1514981-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/22/21 12:13
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/21/21 15:47

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1514981-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/22/21 12:13
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/21/21 15:47

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-10 Batch: WG1514981-1					
4-Nitrophenol	ND		ug/kg	230	67.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	63		25-120
Phenol-d6	64		10-120
Nitrobenzene-d5	65		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	84		10-136
4-Terphenyl-d14	106		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-10 Batch: WG1512640-2								
Perfluorobutanoic Acid (PFBA)	102		-		71-135	-		30
Perfluoropentanoic Acid (PFPeA)	95		-		69-132	-		30
Perfluorobutanesulfonic Acid (PFBS)	104		-		72-128	-		30
Perfluorohexanoic Acid (PFHxA)	100		-		70-132	-		30
Perfluoroheptanoic Acid (PFHpA)	102		-		71-131	-		30
Perfluorohexanesulfonic Acid (PFHxS)	102		-		67-130	-		30
Perfluorooctanoic Acid (PFOA)	99		-		69-133	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	103		-		64-140	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	100		-		70-132	-		30
Perfluorononanoic Acid (PFNA)	86		-		72-129	-		30
Perfluorooctanesulfonic Acid (PFOS)	100		-		68-136	-		30
Perfluorodecanoic Acid (PFDA)	104		-		69-133	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	115		-		65-137	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	80		-		63-144	-		30
Perfluoroundecanoic Acid (PFUnA)	107		-		64-136	-		30
Perfluorodecanesulfonic Acid (PFDS)	96		-		59-134	-		30
Perfluorooctanesulfonamide (FOSA)	106		-		67-137	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	84		-		61-139	-		30
Perfluorododecanoic Acid (PFDoA)	102		-		69-135	-		30
Perfluorotridecanoic Acid (PFTrDA)	128		-		66-139	-		30
Perfluorotetradecanoic Acid (PFTA)	111		-		69-133	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132198

Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-10 Batch: WG1512640-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	109				61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	130				58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	115				74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	111				66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	97				71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	108				78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	110				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	105				20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	138				72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	116				79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	105				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	130				19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	80				31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	111				61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	56				10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	66				34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	109				54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	102				24-159

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132198

Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab	Associated sample(s): 01-10		Batch: WG1512640-2					
Perfluorooctanesulfonamide (FOSA)	91		-		67-137	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	98				10-117

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132198

Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 11 Batch: WG1513230-2								
Perfluorobutanoic Acid (PFBA)	99		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	100		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	99		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	97		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	99		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	95		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	107		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	111		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	84		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	107		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	97		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	102		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	106		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	104		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	97		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	101		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	87		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	109		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	104		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	108		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	99		-		59-182	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132198

Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 11 Batch: WG1513230-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	101				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	140				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	100				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	96				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	114				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	95				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	96				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	72				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	85				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	106				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	98				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	64				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	72				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	99				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	30				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	66				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	81				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	71				22-136

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG1514463-2 WG1514463-3								
Acenaphthene	77		64		37-111	18		30
1,2,4-Trichlorobenzene	70		61		39-98	14		30
Hexachlorobenzene	84		66		40-140	24		30
Bis(2-chloroethyl)ether	75		67		40-140	11		30
2-Chloronaphthalene	77		67		40-140	14		30
1,2-Dichlorobenzene	72		62		40-140	15		30
1,3-Dichlorobenzene	67		60		40-140	11		30
1,4-Dichlorobenzene	70		63		36-97	11		30
3,3'-Dichlorobenzidine	76		65		40-140	16		30
2,4-Dinitrotoluene	90		75		48-143	18		30
2,6-Dinitrotoluene	89		72		40-140	21		30
Fluoranthene	97		74		40-140	27		30
4-Chlorophenyl phenyl ether	75		60		40-140	22		30
4-Bromophenyl phenyl ether	78		61		40-140	24		30
Bis(2-chloroisopropyl)ether	66		57		40-140	15		30
Bis(2-chloroethoxy)methane	79		69		40-140	14		30
Hexachlorobutadiene	68		59		40-140	14		30
Hexachlorocyclopentadiene	63		50		40-140	23		30
Hexachloroethane	65		60		40-140	8		30
Isophorone	80		70		40-140	13		30
Naphthalene	78		67		40-140	15		30
Nitrobenzene	92		78		40-140	16		30
NDPA/DPA	82		63		40-140	26		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132198

Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG1514463-2 WG1514463-3								
n-Nitrosodi-n-propylamine	86		71		29-132	19		30
Bis(2-ethylhexyl)phthalate	97		75		40-140	26		30
Butyl benzyl phthalate	105		82		40-140	25		30
Di-n-butylphthalate	91		70		40-140	26		30
Di-n-octylphthalate	100		80		40-140	22		30
Diethyl phthalate	85		65		40-140	27		30
Dimethyl phthalate	86		69		40-140	22		30
Benzo(a)anthracene	99		78		40-140	24		30
Benzo(a)pyrene	117		98		40-140	18		30
Benzo(b)fluoranthene	106		89		40-140	17		30
Benzo(k)fluoranthene	111		96		40-140	14		30
Chrysene	89		73		40-140	20		30
Acenaphthylene	90		77		45-123	16		30
Anthracene	92		75		40-140	20		30
Benzo(ghi)perylene	98		87		40-140	12		30
Fluorene	82		67		40-140	20		30
Phenanthrene	94		73		40-140	25		30
Dibenzo(a,h)anthracene	98		83		40-140	17		30
Indeno(1,2,3-cd)pyrene	99		86		40-140	14		30
Pyrene	92		72		26-127	24		30
Biphenyl	79		68		40-140	15		30
4-Chloroaniline	57		65		40-140	13		30
2-Nitroaniline	96		82		52-143	16		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG1514463-2 WG1514463-3								
3-Nitroaniline	81		74		25-145	9		30
4-Nitroaniline	83		68		51-143	20		30
Dibenzofuran	80		66		40-140	19		30
2-Methylnaphthalene	78		67		40-140	15		30
1,2,4,5-Tetrachlorobenzene	76		63		2-134	19		30
Acetophenone	80		71		39-129	12		30
2,4,6-Trichlorophenol	92		74		30-130	22		30
p-Chloro-m-cresol	93		79		23-97	16		30
2-Chlorophenol	86		73		27-123	16		30
2,4-Dichlorophenol	93		77		30-130	19		30
2,4-Dimethylphenol	57		56		30-130	2		30
2-Nitrophenol	113		97		30-130	15		30
4-Nitrophenol	77		65		10-80	17		30
2,4-Dinitrophenol	83		62		20-130	29		30
4,6-Dinitro-o-cresol	90		76		20-164	17		30
Pentachlorophenol	69		57		9-103	19		30
Phenol	67		61		12-110	9		30
2-Methylphenol	79		67		30-130	16		30
3-Methylphenol/4-Methylphenol	83		72		30-130	14		30
2,4,5-Trichlorophenol	92		73		30-130	23		30
Benzoic Acid	98		70		10-164	**33**	Q	30
Benzyl Alcohol	87		83		26-116	5		30
Carbazole	97		77		55-144	23		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132198

Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 11 Batch: WG1514463-2 WG1514463-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	77		67		21-120
Phenol-d6	70		62		10-120
Nitrobenzene-d5	93		79		23-120
2-Fluorobiphenyl	77		64		15-120
2,4,6-Tribromophenol	102		77		10-120
4-Terphenyl-d14	97		75		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132198

Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270D-SIM - Mansfield Lab Associated sample(s): 11 Batch: WG1514665-2 WG1514665-3								
1,4-Dioxane	101		102		40-140	1		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	47		49		15-110

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1514981-2 WG1514981-3								
Acenaphthene	84		78		31-137	7		50
1,2,4-Trichlorobenzene	77		70		38-107	10		50
Hexachlorobenzene	81		71		40-140	13		50
Bis(2-chloroethyl)ether	77		69		40-140	11		50
2-Chloronaphthalene	79		68		40-140	15		50
1,2-Dichlorobenzene	73		69		40-140	6		50
1,3-Dichlorobenzene	71		70		40-140	1		50
1,4-Dichlorobenzene	72		69		28-104	4		50
3,3'-Dichlorobenzidine	58		51		40-140	13		50
2,4-Dinitrotoluene	88		80		40-132	10		50
2,6-Dinitrotoluene	97		81		40-140	18		50
Fluoranthene	88		80		40-140	10		50
4-Chlorophenyl phenyl ether	83		74		40-140	11		50
4-Bromophenyl phenyl ether	84		72		40-140	15		50
Bis(2-chloroisopropyl)ether	81		75		40-140	8		50
Bis(2-chloroethoxy)methane	77		64		40-117	18		50
Hexachlorobutadiene	73		65		40-140	12		50
Hexachlorocyclopentadiene	76		63		40-140	19		50
Hexachloroethane	73		72		40-140	1		50
Isophorone	73		62		40-140	16		50
Naphthalene	77		70		40-140	10		50
Nitrobenzene	80		72		40-140	11		50
NDPA/DPA	88		77		36-157	13		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1514981-2 WG1514981-3								
n-Nitrosodi-n-propylamine	74		65		32-121	13		50
Bis(2-ethylhexyl)phthalate	101		84		40-140	18		50
Butyl benzyl phthalate	108		93		40-140	15		50
Di-n-butylphthalate	95		80		40-140	17		50
Di-n-octylphthalate	105		89		40-140	16		50
Diethyl phthalate	88		76		40-140	15		50
Dimethyl phthalate	86		69		40-140	22		50
Benzo(a)anthracene	83		75		40-140	10		50
Benzo(a)pyrene	86		78		40-140	10		50
Benzo(b)fluoranthene	86		79		40-140	8		50
Benzo(k)fluoranthene	87		76		40-140	13		50
Chrysene	84		76		40-140	10		50
Acenaphthylene	79		67		40-140	16		50
Anthracene	86		79		40-140	8		50
Benzo(ghi)perylene	87		78		40-140	11		50
Fluorene	85		77		40-140	10		50
Phenanthrene	85		77		40-140	10		50
Dibenzo(a,h)anthracene	86		76		40-140	12		50
Indeno(1,2,3-cd)pyrene	88		78		40-140	12		50
Pyrene	88		80		35-142	10		50
Biphenyl	81		70		37-127	15		50
4-Chloroaniline	51		43		40-140	17		50
2-Nitroaniline	103		87		47-134	17		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132198

Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1514981-2 WG1514981-3								
3-Nitroaniline	72		69		26-129	4		50
4-Nitroaniline	93		84		41-125	10		50
Dibenzofuran	82		75		40-140	9		50
2-Methylnaphthalene	79		69		40-140	14		50
1,2,4,5-Tetrachlorobenzene	79		68		40-117	15		50
Acetophenone	73		67		14-144	9		50
2,4,6-Trichlorophenol	89		74		30-130	18		50
p-Chloro-m-cresol	85		73		26-103	15		50
2-Chlorophenol	88		82		25-102	7		50
2,4-Dichlorophenol	90		79		30-130	13		50
2,4-Dimethylphenol	83		73		30-130	13		50
2-Nitrophenol	114		104		30-130	9		50
4-Nitrophenol	102		88		11-114	15		50
2,4-Dinitrophenol	112		99		4-130	12		50
4,6-Dinitro-o-cresol	117		102		10-130	14		50
Pentachlorophenol	82		70		17-109	16		50
Phenol	76		68		26-90	11		50
2-Methylphenol	87		79		30-130.	10		50
3-Methylphenol/4-Methylphenol	87		77		30-130	12		50
2,4,5-Trichlorophenol	92		77		30-130	18		50
Benzoic Acid	70		56		10-110	22		50
Benzyl Alcohol	78		70		40-140	11		50
Carbazole	86		80		54-128	7		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-10 Batch: WG1514981-2 WG1514981-3								
1,4-Dioxane	47		50		40-140	6		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	83		76		25-120
Phenol-d6	84		76		10-120
Nitrobenzene-d5	80		74		23-120
2-Fluorobiphenyl	79		65		30-120
2,4,6-Tribromophenol	87		75		10-136
4-Terphenyl-d14	87		78		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132198

Report Date: 07/13/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1512640-3 QC Sample: L2132198-01 Client ID: SRI-3 (2-2.5)												
Perfluorobutanoic Acid (PFBA)	ND	5.03	5.04	100		-	-		71-135	-		30
Perfluoropentanoic Acid (PFPeA)	ND	5.03	4.72	94		-	-		69-132	-		30
Perfluorobutanesulfonic Acid (PFBS)	ND	4.47	4.73	106		-	-		72-128	-		30
Perfluorohexanoic Acid (PFHxA)	0.068J	5.03	4.75	93		-	-		70-132	-		30
Perfluoroheptanoic Acid (PFHpA)	ND	5.03	5.03	100		-	-		71-131	-		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	4.6	4.67	101		-	-		67-130	-		30
Perfluorooctanoic Acid (PFOA)	ND	5.03	5.04	100		-	-		69-133	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	4.79	5.06	106		-	-		64-140	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	4.79	4.80	100		-	-		70-132	-		30
Perfluorononanoic Acid (PFNA)	ND	5.03	4.32	86		-	-		72-129	-		30
Perfluorooctanesulfonic Acid (PFOS)	ND	4.67	4.58	98		-	-		68-136	-		30
Perfluorodecanoic Acid (PFDA)	ND	5.03	4.89	97		-	-		69-133	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	4.83	5.66	117		-	-		65-137	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.286J	5.03	4.16	77		-	-		63-144	-		30
Perfluoroundecanoic Acid (PFUnA)	ND	5.03	5.36	106		-	-		64-136	-		30
Perfluorodecanesulfonic Acid (PFDS)	ND	4.85	4.33	89		-	-		59-134	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.468J	5.03	4.05	71		-	-		61-139	-		30
Perfluorododecanoic Acid (PFDoA)	ND	5.03	5.37	107		-	-		69-135	-		30
Perfluorotridecanoic Acid (PFTrDA)	ND	5.03	6.48	129		-	-		66-139	-		30
Perfluorotetradecanoic Acid (PFTA)	0.071J	5.03	5.76	113		-	-		69-133	-		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132198

Report Date: 07/13/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab	Associated sample(s): 01-10		QC Batch ID: WG1512640-3			QC Sample: L2132198-01			Client ID: SRI-3 (2-2.5)			

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	102				19-175
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	83				20-154
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	35				34-137
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	36				31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	97				61-155
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	92				75-130
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	93				66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	79				71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	95				78-139
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	91				54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	73				24-159
Perfluoro[13C4]Butanoic Acid (MPFBA)	91				61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	109				58-150
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	102				79-136
Perfluoro[13C8]Octanoic Acid (M8PFOA)	89				75-130
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	114				72-140
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	101				74-139

Matrix Spike Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132198

Report Date: 07/13/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1512640-3 QC Sample: L2132198-01 Client ID: SRI-3 (2-2.5)												
Perfluorooctanesulfonamide (FOSA)	ND	5.03	4.45F	88		-	-		67-137	-		30

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	87				10-117

Matrix Spike Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132198

Report Date: 07/13/21

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 11 QC Batch ID: WG1513230-3 QC Sample: L2131117-01 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	14.5	37.6	52.9	102		-	-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	22.9	37.6	62.5	105		-	-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	15.4	33.4	48.6	99		-	-		65-157	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	35.2	37.2	106		-	-		37-219	-		30
Perfluorohexanoic Acid (PFHxA)	16.6	37.6	55.2	103		-	-		69-168	-		30
Perfluoropentanesulfonic Acid (PFPeS)	0.730J	35.4	38.6	107		-	-		52-156	-		30
Perfluoroheptanoic Acid (PFHpA)	10.1	37.6	48.1	101		-	-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	3.68	34.4	38.2	100		-	-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	28.7	37.6	71.0	112		-	-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	3.02	35.8	46.3	121		-	-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	35.8	32.4	90		-	-		61-179	-		30
Perfluorononanoic Acid (PFNA)	4.10	37.6	45.7	111		-	-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	32.7	34.9	66.8	98		-	-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	3.49	37.6	44.7	109		-	-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	36.1	45.0	125		-	-		56-173	-		30
Perfluorononanesulfonic Acid (PFNS)	ND	36.2	43.2	119		-	-		48-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	37.6	41.3	110		-	-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	ND	37.6	38.3	102		-	-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	ND	36.3	41.5	114		-	-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	ND	37.6	36.5	97		-	-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	37.6	42.7	113		-	-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	ND	37.6	36.4	97		-	-		67-153	-		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132198

Report Date: 07/13/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 11 QC Batch ID: WG1513230-3 QC Sample: L2131117-01 Client ID: MS Sample												
Perfluorotridecanoic Acid (PFTrDA)	ND	37.6	36.8F	98		-	-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	ND	37.6	39.5F	105		-	-		59-182	-		30

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	83				10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	**189**	Q			12-142
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	114				14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	57				27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	60				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	92				55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	89				62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	76				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	99				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	93				71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	86				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	65				22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	94				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	99				62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	31				10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	100				69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	88				62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	81				59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	100				70-131

Lab Duplicate Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1512640-4 QC Sample: L2132198-02 Client ID: SRI-3 (28-28.5)						
Perfluorobutanoic Acid (PFBA)	ND	ND	ng/g	NC		30
Perfluoropentanoic Acid (PFPeA)	ND	ND	ng/g	NC		30
Perfluorobutanesulfonic Acid (PFBS)	ND	ND	ng/g	NC		30
Perfluorohexanoic Acid (PFHxA)	ND	ND	ng/g	NC		30
Perfluoroheptanoic Acid (PFHpA)	ND	ND	ng/g	NC		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	ND	ng/g	NC		30
Perfluorooctanoic Acid (PFOA)	ND	ND	ng/g	NC		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	ND	ng/g	NC		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ng/g	NC		30
Perfluorononanoic Acid (PFNA)	ND	ND	ng/g	NC		30
Perfluorooctanesulfonic Acid (PFOS)	ND	ND	ng/g	NC		30
Perfluorodecanoic Acid (PFDA)	ND	ND	ng/g	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ng/g	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	0.249J	ND	ng/g	NC		30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	ng/g	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ng/g	NC		30
Perfluorooctanesulfonamide (FOSA)	ND	ND	ng/g	NC		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.236J	ND	ng/g	NC		30
Perfluorododecanoic Acid (PFDoA)	ND	ND	ng/g	NC		30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ng/g	NC		30

Lab Duplicate Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1512640-4 QC Sample: L2132198-02 Client ID: SRI-3 (28-28.5)						
Perfluorotetradecanoic Acid (PFTA)	0.061J	ND	ng/g	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	99		97		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	118		116		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	108		107		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	98		99		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	86		85		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	99		96		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	96		93		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	88		90		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	120		118		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	111		106		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	98		98		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	110		112		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	45		49		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	104		106		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	22		49		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	39		42		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	99		100		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	89		87		24-159

Lab Duplicate Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 11 QC Batch ID: WG1513230-4 QC Sample: L2131117-02 Client ID: DUP Sample						
Perfluorobutanoic Acid (PFBA)	26.8	25.7	ng/l	4		30
Perfluoropentanoic Acid (PFPeA)	38.6	36.4	ng/l	6		30
Perfluorobutanesulfonic Acid (PFBS)	11.5	10.7	ng/l	7		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	ND	ng/l	NC		30
Perfluorohexanoic Acid (PFHxA)	22.0	21.0	ng/l	5		30
Perfluoropentanesulfonic Acid (PFPeS)	0.496J	0.367J	ng/l	NC		30
Perfluoroheptanoic Acid (PFHpA)	10.2	9.61	ng/l	6		30
Perfluorohexanesulfonic Acid (PFHxS)	2.78	2.84	ng/l	2		30
Perfluorooctanoic Acid (PFOA)	17.7	17.2	ng/l	3		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	2.41	3.22	ng/l	29		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ng/l	NC		30
Perfluorononanoic Acid (PFNA)	2.28	2.19F	ng/l	4		30
Perfluorooctanesulfonic Acid (PFOS)	5.82	4.84	ng/l	18		30
Perfluorodecanoic Acid (PFDA)	0.790J	0.716J	ng/l	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ng/l	NC		30
Perfluorononanesulfonic Acid (PFNS)	ND	ND	ng/l	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ng/l	NC		30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	ng/l	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ng/l	NC		30
Perfluorooctanesulfonamide (FOSA)	ND	ND	ng/l	NC		30

Lab Duplicate Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 11 QC Batch ID: WG1513230-4 QC Sample: L2131117-02 Client ID: DUP Sample						
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	ng/l	NC		30
Perfluorododecanoic Acid (PFDoA)	ND	ND	ng/l	NC		30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ng/l	NC		30
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ng/l	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	82		86		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	101		109		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	94		99		70-131
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	**148**	Q	**158**	Q	12-142
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	73		79		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	90		98		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	88		91		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	82		86		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	86		81		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	71		75		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	94		98		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	82		86		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	63		61		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	37		40		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	72		73		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	17		22		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	29		33		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	58		62		48-131

Lab Duplicate Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 11 QC Batch ID: WG1513230-4 QC Sample: L2131117-02 Client ID: DUP Sample

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	49		59		22-136

PCBS

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-01
Client ID: SRI-3 (2-2.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 12:50
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/22/21 10:03
Analyst: JM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 18:17
Cleanup Method: EPA 3665A
Cleanup Date: 06/22/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.6	3.25	1	A
Aroclor 1221	ND		ug/kg	36.6	3.67	1	A
Aroclor 1232	ND		ug/kg	36.6	7.76	1	A
Aroclor 1242	ND		ug/kg	36.6	4.94	1	A
Aroclor 1248	ND		ug/kg	36.6	5.49	1	A
Aroclor 1254	ND		ug/kg	36.6	4.01	1	A
Aroclor 1260	ND		ug/kg	36.6	6.77	1	A
Aroclor 1262	ND		ug/kg	36.6	4.65	1	A
Aroclor 1268	ND		ug/kg	36.6	3.79	1	A
PCBs, Total	ND		ug/kg	36.6	3.25	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	98		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-02
Client ID: SRI-3 (28-28.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 13:00
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/22/21 10:10
Analyst: JM
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 18:17
Cleanup Method: EPA 3665A
Cleanup Date: 06/22/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.0	3.28	1	A
Aroclor 1221	ND		ug/kg	37.0	3.70	1	A
Aroclor 1232	ND		ug/kg	37.0	7.84	1	A
Aroclor 1242	ND		ug/kg	37.0	4.98	1	A
Aroclor 1248	ND		ug/kg	37.0	5.55	1	A
Aroclor 1254	ND		ug/kg	37.0	4.04	1	A
Aroclor 1260	ND		ug/kg	37.0	6.83	1	A
Aroclor 1262	ND		ug/kg	37.0	4.70	1	A
Aroclor 1268	ND		ug/kg	37.0	3.83	1	A
PCBs, Total	ND		ug/kg	37.0	3.28	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	79		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-03
Client ID: SRI-4 (1-1.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 10:46
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/22/21 10:17
Analyst: JM
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 18:17
Cleanup Method: EPA 3665A
Cleanup Date: 06/22/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	37.4	3.32	1	A
Aroclor 1221	ND		ug/kg	37.4	3.75	1	A
Aroclor 1232	ND		ug/kg	37.4	7.93	1	A
Aroclor 1242	ND		ug/kg	37.4	5.04	1	A
Aroclor 1248	ND		ug/kg	37.4	5.61	1	A
Aroclor 1254	ND		ug/kg	37.4	4.09	1	A
Aroclor 1260	ND		ug/kg	37.4	6.92	1	A
Aroclor 1262	ND		ug/kg	37.4	4.75	1	A
Aroclor 1268	ND		ug/kg	37.4	3.88	1	A
PCBs, Total	ND		ug/kg	37.4	3.32	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-04
Client ID: SRI-4 (26.5-27)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 10:55
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/22/21 17:35
Analyst: CW
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 18:17
Cleanup Method: EPA 3665A
Cleanup Date: 06/22/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.9	3.18	1	A
Aroclor 1221	ND		ug/kg	35.9	3.59	1	A
Aroclor 1232	ND		ug/kg	35.9	7.60	1	A
Aroclor 1242	ND		ug/kg	35.9	4.83	1	A
Aroclor 1248	ND		ug/kg	35.9	5.38	1	A
Aroclor 1254	4.49	J	ug/kg	35.9	3.92	1	A
Aroclor 1260	ND		ug/kg	35.9	6.63	1	A
Aroclor 1262	ND		ug/kg	35.9	4.55	1	A
Aroclor 1268	ND		ug/kg	35.9	3.72	1	A
PCBs, Total	4.49	J	ug/kg	35.9	3.18	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-05
Client ID: SRI-5 (1.5-2)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 11:40
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/22/21 10:32
Analyst: JM
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 18:17
Cleanup Method: EPA 3665A
Cleanup Date: 06/22/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.2	3.12	1	A
Aroclor 1221	ND		ug/kg	35.2	3.52	1	A
Aroclor 1232	ND		ug/kg	35.2	7.46	1	A
Aroclor 1242	ND		ug/kg	35.2	4.74	1	A
Aroclor 1248	ND		ug/kg	35.2	5.28	1	A
Aroclor 1254	ND		ug/kg	35.2	3.85	1	A
Aroclor 1260	14.7	J	ug/kg	35.2	6.50	1	A
Aroclor 1262	ND		ug/kg	35.2	4.47	1	A
Aroclor 1268	ND		ug/kg	35.2	3.64	1	A
PCBs, Total	14.7	J	ug/kg	35.2	3.12	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	77		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-06
Client ID: SRI-5 (27-27.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 11:55
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/22/21 10:39
Analyst: JM
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 18:17
Cleanup Method: EPA 3665A
Cleanup Date: 06/22/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.0	3.02	1	A
Aroclor 1221	ND		ug/kg	34.0	3.41	1	A
Aroclor 1232	ND		ug/kg	34.0	7.22	1	A
Aroclor 1242	ND		ug/kg	34.0	4.59	1	A
Aroclor 1248	ND		ug/kg	34.0	5.11	1	A
Aroclor 1254	ND		ug/kg	34.0	3.72	1	A
Aroclor 1260	ND		ug/kg	34.0	6.29	1	A
Aroclor 1262	ND		ug/kg	34.0	4.32	1	A
Aroclor 1268	ND		ug/kg	34.0	3.53	1	A
PCBs, Total	ND		ug/kg	34.0	3.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	76		30-150	B
Decachlorobiphenyl	88		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-07
Client ID: SRI-6 (2-2.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 09:50
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/22/21 10:46
Analyst: JM
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 18:17
Cleanup Method: EPA 3665A
Cleanup Date: 06/22/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.0	3.02	1	A
Aroclor 1221	ND		ug/kg	34.0	3.41	1	A
Aroclor 1232	ND		ug/kg	34.0	7.22	1	A
Aroclor 1242	ND		ug/kg	34.0	4.59	1	A
Aroclor 1248	ND		ug/kg	34.0	5.11	1	A
Aroclor 1254	ND		ug/kg	34.0	3.72	1	A
Aroclor 1260	ND		ug/kg	34.0	6.29	1	A
Aroclor 1262	ND		ug/kg	34.0	4.32	1	A
Aroclor 1268	ND		ug/kg	34.0	3.53	1	A
PCBs, Total	ND		ug/kg	34.0	3.02	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	76		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-08
Client ID: SRI-6 (26.5-27)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 10:00
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/22/21 10:53
Analyst: JM
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 18:17
Cleanup Method: EPA 3665A
Cleanup Date: 06/22/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	32.9	2.92	1	A
Aroclor 1221	ND		ug/kg	32.9	3.30	1	A
Aroclor 1232	ND		ug/kg	32.9	6.98	1	A
Aroclor 1242	ND		ug/kg	32.9	4.44	1	A
Aroclor 1248	ND		ug/kg	32.9	4.94	1	A
Aroclor 1254	ND		ug/kg	32.9	3.60	1	A
Aroclor 1260	ND		ug/kg	32.9	6.09	1	A
Aroclor 1262	ND		ug/kg	32.9	4.18	1	A
Aroclor 1268	ND		ug/kg	32.9	3.41	1	A
PCBs, Total	ND		ug/kg	32.9	2.92	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-09
Client ID: SRI-7 (1.5-2)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 15:00
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/22/21 11:00
Analyst: JM
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 18:18
Cleanup Method: EPA 3665A
Cleanup Date: 06/22/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.3	3.04	1	A
Aroclor 1221	ND		ug/kg	34.3	3.44	1	A
Aroclor 1232	ND		ug/kg	34.3	7.27	1	A
Aroclor 1242	ND		ug/kg	34.3	4.62	1	A
Aroclor 1248	ND		ug/kg	34.3	5.14	1	A
Aroclor 1254	ND		ug/kg	34.3	3.75	1	A
Aroclor 1260	8.88	J	ug/kg	34.3	6.34	1	B
Aroclor 1262	ND		ug/kg	34.3	4.35	1	A
Aroclor 1268	5.19	J	ug/kg	34.3	3.55	1	A
PCBs, Total	14.1	J	ug/kg	34.3	3.04	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	78		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-10
Client ID: SRI-7 (24.5-25)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 15:30
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/22/21 11:07
Analyst: JM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 18:18
Cleanup Method: EPA 3665A
Cleanup Date: 06/22/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/22/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	35.5	3.15	1	A
Aroclor 1221	ND		ug/kg	35.5	3.56	1	A
Aroclor 1232	ND		ug/kg	35.5	7.52	1	A
Aroclor 1242	ND		ug/kg	35.5	4.78	1	A
Aroclor 1248	ND		ug/kg	35.5	5.32	1	A
Aroclor 1254	ND		ug/kg	35.5	3.88	1	A
Aroclor 1260	ND		ug/kg	35.5	6.56	1	A
Aroclor 1262	ND		ug/kg	35.5	4.51	1	A
Aroclor 1268	ND		ug/kg	35.5	3.68	1	A
PCBs, Total	ND		ug/kg	35.5	3.15	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	75		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	78		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-11
Client ID: FIELD BLANK
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 08:45
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 06/21/21 23:45
Analyst: AWS

Extraction Method: EPA 3510C
Extraction Date: 06/21/21 02:06
Cleanup Method: EPA 3665A
Cleanup Date: 06/21/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	B
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	76		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	85		30-150	B
Decachlorobiphenyl	51		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/22/21 00:16
Analyst: AWS

Extraction Method: EPA 3510C
Extraction Date: 06/21/21 02:06
Cleanup Method: EPA 3665A
Cleanup Date: 06/21/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 11 Batch: WG1514597-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	B
PCBs, Total	ND		ug/l	0.071	0.061	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	86		30-150	B
Decachlorobiphenyl	84		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/21/21 13:48
Analyst: JAW

Extraction Method: EPA 3546
Extraction Date: 06/21/21 04:33
Cleanup Method: EPA 3665A
Cleanup Date: 06/21/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/21/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-10 Batch: WG1514613-1						
Aroclor 1016	ND		ug/kg	32.2	2.86	A
Aroclor 1221	ND		ug/kg	32.2	3.23	A
Aroclor 1232	ND		ug/kg	32.2	6.83	A
Aroclor 1242	ND		ug/kg	32.2	4.34	A
Aroclor 1248	ND		ug/kg	32.2	4.84	A
Aroclor 1254	ND		ug/kg	32.2	3.53	A
Aroclor 1260	ND		ug/kg	32.2	5.96	A
Aroclor 1262	ND		ug/kg	32.2	4.09	A
Aroclor 1268	ND		ug/kg	32.2	3.34	A
PCBs, Total	ND		ug/kg	32.2	2.86	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	111		30-150	A
Decachlorobiphenyl	99		30-150	A
2,4,5,6-Tetrachloro-m-xylene	119		30-150	B
Decachlorobiphenyl	95		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132198

Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 11 Batch: WG1514597-2 WG1514597-3									
Aroclor 1016	48		64		40-140	28		50	A
Aroclor 1260	45		64		40-140	34		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		75		30-150	A
Decachlorobiphenyl	50		71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		83		30-150	B
Decachlorobiphenyl	62		79		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132198

Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG1514613-2 WG1514613-3									
Aroclor 1016	127		125		40-140	2		50	A
Aroclor 1260	117		110		40-140	6		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	118		113		30-150	A
Decachlorobiphenyl	102		100		30-150	A
2,4,5,6-Tetrachloro-m-xylene	123		118		30-150	B
Decachlorobiphenyl	94		93		30-150	B

PESTICIDES

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-01
Client ID: SRI-3 (2-2.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 12:50
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/21 10:03
Analyst: AR
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 17:51
Cleanup Method: EPA 3620B
Cleanup Date: 06/22/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.82	0.356	1	A
Lindane	ND		ug/kg	0.757	0.338	1	A
Alpha-BHC	ND		ug/kg	0.757	0.215	1	A
Beta-BHC	ND		ug/kg	1.82	0.689	1	A
Heptachlor	ND		ug/kg	0.908	0.407	1	A
Aldrin	ND		ug/kg	1.82	0.640	1	A
Heptachlor epoxide	ND		ug/kg	3.40	1.02	1	A
Endrin	ND		ug/kg	0.757	0.310	1	A
Endrin aldehyde	ND		ug/kg	2.27	0.795	1	A
Endrin ketone	ND		ug/kg	1.82	0.468	1	A
Dieldrin	ND		ug/kg	1.14	0.568	1	A
4,4'-DDE	ND		ug/kg	1.82	0.420	1	A
4,4'-DDD	ND		ug/kg	1.82	0.648	1	A
4,4'-DDT	ND		ug/kg	3.40	1.46	1	A
Endosulfan I	ND		ug/kg	1.82	0.429	1	A
Endosulfan II	ND		ug/kg	1.82	0.607	1	A
Endosulfan sulfate	ND		ug/kg	0.757	0.360	1	A
Methoxychlor	ND		ug/kg	3.40	1.06	1	A
Toxaphene	ND		ug/kg	34.0	9.54	1	A
cis-Chlordane	ND		ug/kg	2.27	0.633	1	A
trans-Chlordane	ND		ug/kg	2.27	0.599	1	A
Chlordane	ND		ug/kg	15.1	6.02	1	A

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-01 Date Collected: 06/14/21 12:50

Client ID: SRI-3 (2-2.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	53		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	59		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-02
Client ID: SRI-3 (28-28.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 13:00
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/21 10:14
Analyst: AR
Percent Solids: 88%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 17:51
Cleanup Method: EPA 3620B
Cleanup Date: 06/22/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.78	0.349	1	A
Lindane	ND		ug/kg	0.743	0.332	1	A
Alpha-BHC	ND		ug/kg	0.743	0.211	1	A
Beta-BHC	ND		ug/kg	1.78	0.676	1	A
Heptachlor	ND		ug/kg	0.892	0.400	1	A
Aldrin	ND		ug/kg	1.78	0.628	1	A
Heptachlor epoxide	ND		ug/kg	3.34	1.00	1	A
Endrin	ND		ug/kg	0.743	0.305	1	A
Endrin aldehyde	ND		ug/kg	2.23	0.781	1	A
Endrin ketone	ND		ug/kg	1.78	0.459	1	A
Dieldrin	ND		ug/kg	1.12	0.558	1	A
4,4'-DDE	ND		ug/kg	1.78	0.413	1	A
4,4'-DDD	ND		ug/kg	1.78	0.636	1	A
4,4'-DDT	ND		ug/kg	3.34	1.43	1	A
Endosulfan I	ND		ug/kg	1.78	0.422	1	A
Endosulfan II	ND		ug/kg	1.78	0.596	1	A
Endosulfan sulfate	ND		ug/kg	0.743	0.354	1	A
Methoxychlor	ND		ug/kg	3.34	1.04	1	A
Toxaphene	ND		ug/kg	33.4	9.37	1	A
cis-Chlordane	ND		ug/kg	2.23	0.622	1	A
trans-Chlordane	ND		ug/kg	2.23	0.589	1	A
Chlordane	ND		ug/kg	14.9	5.91	1	A

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-02 Date Collected: 06/14/21 13:00

Client ID: SRI-3 (28-28.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-03
Client ID: SRI-4 (1-1.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 10:46
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/21 10:25
Analyst: AR
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 17:51
Cleanup Method: EPA 3620B
Cleanup Date: 06/22/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.83	0.358	1	B
Lindane	ND		ug/kg	0.761	0.340	1	B
Alpha-BHC	ND		ug/kg	0.761	0.216	1	B
Beta-BHC	ND		ug/kg	1.83	0.693	1	B
Heptachlor	ND		ug/kg	0.914	0.410	1	B
Aldrin	ND		ug/kg	1.83	0.643	1	B
Heptachlor epoxide	ND		ug/kg	3.42	1.03	1	B
Endrin	ND		ug/kg	0.761	0.312	1	B
Endrin aldehyde	ND		ug/kg	2.28	0.799	1	B
Endrin ketone	ND		ug/kg	1.83	0.470	1	B
Dieldrin	6.55	P	ug/kg	1.14	0.571	1	B
4,4'-DDE	ND		ug/kg	1.83	0.422	1	B
4,4'-DDD	18.3	P	ug/kg	1.83	0.652	1	B
4,4'-DDT	20.3	P	ug/kg	3.42	1.47	1	B
Endosulfan I	ND		ug/kg	1.83	0.432	1	B
Endosulfan II	ND		ug/kg	1.83	0.610	1	B
Endosulfan sulfate	ND		ug/kg	0.761	0.362	1	B
Methoxychlor	ND		ug/kg	3.42	1.06	1	B
Toxaphene	ND		ug/kg	34.2	9.59	1	B
cis-Chlordane	ND		ug/kg	2.28	0.636	1	B
trans-Chlordane	ND		ug/kg	2.28	0.603	1	B
Chlordane	ND		ug/kg	15.2	6.05	1	B

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-03 Date Collected: 06/14/21 10:46

Client ID: SRI-4 (1-1.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	44		30-150	A
Decachlorobiphenyl	**24**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	106		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-04
Client ID: SRI-4 (26.5-27)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 10:55
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/21 10:36
Analyst: AR
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 17:51
Cleanup Method: EPA 3620B
Cleanup Date: 06/22/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.336	1	A
Lindane	ND		ug/kg	0.715	0.320	1	A
Alpha-BHC	ND		ug/kg	0.715	0.203	1	A
Beta-BHC	ND		ug/kg	1.72	0.650	1	A
Heptachlor	ND		ug/kg	0.858	0.385	1	A
Aldrin	ND		ug/kg	1.72	0.604	1	A
Heptachlor epoxide	ND		ug/kg	3.22	0.965	1	A
Endrin	ND		ug/kg	0.715	0.293	1	A
Endrin aldehyde	ND		ug/kg	2.14	0.751	1	A
Endrin ketone	ND		ug/kg	1.72	0.442	1	A
Dieldrin	ND		ug/kg	1.07	0.536	1	A
4,4'-DDE	ND		ug/kg	1.72	0.397	1	A
4,4'-DDD	ND		ug/kg	1.72	0.612	1	A
4,4'-DDT	ND		ug/kg	3.22	1.38	1	A
Endosulfan I	ND		ug/kg	1.72	0.405	1	A
Endosulfan II	ND		ug/kg	1.72	0.573	1	A
Endosulfan sulfate	ND		ug/kg	0.715	0.340	1	A
Methoxychlor	ND		ug/kg	3.22	1.00	1	A
Toxaphene	ND		ug/kg	32.2	9.01	1	A
cis-Chlordane	ND		ug/kg	2.14	0.598	1	A
trans-Chlordane	ND		ug/kg	2.14	0.566	1	A
Chlordane	ND		ug/kg	14.3	5.68	1	A

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-04 Date Collected: 06/14/21 10:55

Client ID: SRI-4 (26.5-27) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	77		30-150	A
Decachlorobiphenyl	83		30-150	A
2,4,5,6-Tetrachloro-m-xylene	74		30-150	B
Decachlorobiphenyl	67		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-05
Client ID: SRI-5 (1.5-2)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 11:40
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/21 10:47
Analyst: AR
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 17:51
Cleanup Method: EPA 3620B
Cleanup Date: 06/22/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.340	1	A
Lindane	ND		ug/kg	0.724	0.323	1	A
Alpha-BHC	ND		ug/kg	0.724	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.658	1	A
Heptachlor	ND		ug/kg	0.868	0.389	1	A
Aldrin	ND		ug/kg	1.74	0.611	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.977	1	A
Endrin	ND		ug/kg	0.724	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.17	0.760	1	A
Endrin ketone	ND		ug/kg	1.74	0.447	1	A
Dieldrin	ND		ug/kg	1.08	0.543	1	A
4,4'-DDE	3.73		ug/kg	1.74	0.402	1	A
4,4'-DDD	6.43		ug/kg	1.74	0.619	1	A
4,4'-DDT	18.5		ug/kg	3.26	1.40	1	B
Endosulfan I	ND		ug/kg	1.74	0.410	1	A
Endosulfan II	ND		ug/kg	1.74	0.580	1	A
Endosulfan sulfate	ND		ug/kg	0.724	0.344	1	A
Methoxychlor	ND		ug/kg	3.26	1.01	1	A
Toxaphene	ND		ug/kg	32.6	9.12	1	A
cis-Chlordane	5.79		ug/kg	2.17	0.605	1	B
trans-Chlordane	3.25		ug/kg	2.17	0.573	1	A
Chlordane	ND		ug/kg	14.5	5.75	1	A

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-05 Date Collected: 06/14/21 11:40

Client ID: SRI-5 (1.5-2) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	120		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-06
Client ID: SRI-5 (27-27.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 11:55
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/21 10:58
Analyst: AR
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 17:51
Cleanup Method: EPA 3620B
Cleanup Date: 06/22/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.330	1	A
Lindane	ND		ug/kg	0.701	0.313	1	A
Alpha-BHC	ND		ug/kg	0.701	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.638	1	A
Heptachlor	ND		ug/kg	0.841	0.377	1	A
Aldrin	ND		ug/kg	1.68	0.592	1	A
Heptachlor epoxide	ND		ug/kg	3.15	0.946	1	A
Endrin	ND		ug/kg	0.701	0.287	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.736	1	A
Endrin ketone	ND		ug/kg	1.68	0.433	1	A
Dieldrin	ND		ug/kg	1.05	0.526	1	A
4,4'-DDE	ND		ug/kg	1.68	0.389	1	A
4,4'-DDD	ND		ug/kg	1.68	0.600	1	A
4,4'-DDT	ND		ug/kg	3.15	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.398	1	A
Endosulfan II	ND		ug/kg	1.68	0.562	1	A
Endosulfan sulfate	ND		ug/kg	0.701	0.334	1	A
Methoxychlor	ND		ug/kg	3.15	0.982	1	A
Toxaphene	ND		ug/kg	31.5	8.83	1	A
cis-Chlordane	ND		ug/kg	2.10	0.586	1	A
trans-Chlordane	ND		ug/kg	2.10	0.555	1	A
Chlordane	ND		ug/kg	14.0	5.57	1	A

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-06 Date Collected: 06/14/21 11:55

Client ID: SRI-5 (27-27.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		30-150	A
Decachlorobiphenyl	93		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	119		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-07
Client ID: SRI-6 (2-2.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 09:50
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/21 11:09
Analyst: AR
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 17:51
Cleanup Method: EPA 3620B
Cleanup Date: 06/22/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.63	0.319	1	A
Lindane	ND		ug/kg	0.679	0.304	1	A
Alpha-BHC	ND		ug/kg	0.679	0.193	1	A
Beta-BHC	ND		ug/kg	1.63	0.618	1	A
Heptachlor	ND		ug/kg	0.815	0.365	1	A
Aldrin	ND		ug/kg	1.63	0.574	1	A
Heptachlor epoxide	ND		ug/kg	3.06	0.917	1	A
Endrin	ND		ug/kg	0.679	0.278	1	A
Endrin aldehyde	ND		ug/kg	2.04	0.713	1	A
Endrin ketone	ND		ug/kg	1.63	0.420	1	A
Dieldrin	ND		ug/kg	1.02	0.509	1	A
4,4'-DDE	ND		ug/kg	1.63	0.377	1	A
4,4'-DDD	ND		ug/kg	1.63	0.581	1	A
4,4'-DDT	ND		ug/kg	3.06	1.31	1	A
Endosulfan I	ND		ug/kg	1.63	0.385	1	A
Endosulfan II	ND		ug/kg	1.63	0.545	1	A
Endosulfan sulfate	ND		ug/kg	0.679	0.323	1	A
Methoxychlor	ND		ug/kg	3.06	0.951	1	A
Toxaphene	ND		ug/kg	30.6	8.56	1	A
cis-Chlordane	ND		ug/kg	2.04	0.568	1	A
trans-Chlordane	ND		ug/kg	2.04	0.538	1	A
Chlordane	ND		ug/kg	13.6	5.40	1	A

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-07 Date Collected: 06/14/21 09:50

Client ID: SRI-6 (2-2.5) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-08
Client ID: SRI-6 (26.5-27)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 10:00
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/21 11:20
Analyst: AR
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 17:51
Cleanup Method: EPA 3620B
Cleanup Date: 06/22/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.63	0.319	1	A
Lindane	ND		ug/kg	0.679	0.303	1	A
Alpha-BHC	ND		ug/kg	0.679	0.193	1	A
Beta-BHC	ND		ug/kg	1.63	0.618	1	A
Heptachlor	ND		ug/kg	0.814	0.365	1	A
Aldrin	ND		ug/kg	1.63	0.573	1	A
Heptachlor epoxide	ND		ug/kg	3.05	0.916	1	A
Endrin	ND		ug/kg	0.679	0.278	1	A
Endrin aldehyde	ND		ug/kg	2.04	0.712	1	A
Endrin ketone	ND		ug/kg	1.63	0.419	1	A
Dieldrin	ND		ug/kg	1.02	0.509	1	A
4,4'-DDE	ND		ug/kg	1.63	0.377	1	A
4,4'-DDD	ND		ug/kg	1.63	0.581	1	A
4,4'-DDT	ND		ug/kg	3.05	1.31	1	A
Endosulfan I	ND		ug/kg	1.63	0.385	1	A
Endosulfan II	ND		ug/kg	1.63	0.544	1	A
Endosulfan sulfate	ND		ug/kg	0.679	0.323	1	A
Methoxychlor	ND		ug/kg	3.05	0.950	1	A
Toxaphene	ND		ug/kg	30.5	8.55	1	A
cis-Chlordane	ND		ug/kg	2.04	0.567	1	A
trans-Chlordane	ND		ug/kg	2.04	0.537	1	A
Chlordane	ND		ug/kg	13.6	5.40	1	A

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-08 Date Collected: 06/14/21 10:00

Client ID: SRI-6 (26.5-27) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	68		30-150	A
Decachlorobiphenyl	84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-09
Client ID: SRI-7 (1.5-2)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 15:00
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/21 11:31
Analyst: AR
Percent Solids: 94%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 17:51
Cleanup Method: EPA 3620B
Cleanup Date: 06/22/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.60	0.312	1	A
Lindane	ND		ug/kg	0.665	0.297	1	A
Alpha-BHC	ND		ug/kg	0.665	0.189	1	A
Beta-BHC	ND		ug/kg	1.60	0.605	1	A
Heptachlor	ND		ug/kg	0.798	0.358	1	A
Aldrin	ND		ug/kg	1.60	0.562	1	A
Heptachlor epoxide	ND		ug/kg	2.99	0.898	1	A
Endrin	ND		ug/kg	0.665	0.273	1	A
Endrin aldehyde	ND		ug/kg	1.99	0.698	1	A
Endrin ketone	ND		ug/kg	1.60	0.411	1	A
Dieldrin	2.06		ug/kg	0.997	0.499	1	B
4,4'-DDE	3.99		ug/kg	1.60	0.369	1	B
4,4'-DDD	1.79		ug/kg	1.60	0.569	1	B
4,4'-DDT	15.8		ug/kg	2.99	1.28	1	A
Endosulfan I	ND		ug/kg	1.60	0.377	1	A
Endosulfan II	ND		ug/kg	1.60	0.533	1	A
Endosulfan sulfate	ND		ug/kg	0.665	0.316	1	A
Methoxychlor	ND		ug/kg	2.99	0.931	1	A
Toxaphene	ND		ug/kg	29.9	8.38	1	A
cis-Chlordane	7.53		ug/kg	1.99	0.556	1	A
trans-Chlordane	6.20		ug/kg	1.99	0.527	1	A
Chlordane	ND		ug/kg	13.3	5.29	1	A

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-09 Date Collected: 06/14/21 15:00

Client ID: SRI-7 (1.5-2) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	86		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-10
Client ID: SRI-7 (24.5-25)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 15:30
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/22/21 11:42
Analyst: AR
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/21/21 17:51
Cleanup Method: EPA 3620B
Cleanup Date: 06/22/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.68	0.329	1	A
Lindane	ND		ug/kg	0.699	0.312	1	A
Alpha-BHC	ND		ug/kg	0.699	0.199	1	A
Beta-BHC	ND		ug/kg	1.68	0.636	1	A
Heptachlor	ND		ug/kg	0.839	0.376	1	A
Aldrin	ND		ug/kg	1.68	0.591	1	A
Heptachlor epoxide	ND		ug/kg	3.15	0.944	1	A
Endrin	ND		ug/kg	0.699	0.287	1	A
Endrin aldehyde	ND		ug/kg	2.10	0.734	1	A
Endrin ketone	ND		ug/kg	1.68	0.432	1	A
Dieldrin	ND		ug/kg	1.05	0.524	1	A
4,4'-DDE	ND		ug/kg	1.68	0.388	1	A
4,4'-DDD	ND		ug/kg	1.68	0.599	1	A
4,4'-DDT	ND		ug/kg	3.15	1.35	1	A
Endosulfan I	ND		ug/kg	1.68	0.396	1	A
Endosulfan II	ND		ug/kg	1.68	0.561	1	A
Endosulfan sulfate	ND		ug/kg	0.699	0.333	1	A
Methoxychlor	ND		ug/kg	3.15	0.979	1	A
Toxaphene	ND		ug/kg	31.5	8.81	1	A
cis-Chlordane	ND		ug/kg	2.10	0.585	1	A
trans-Chlordane	ND		ug/kg	2.10	0.554	1	A
Chlordane	ND		ug/kg	14.0	5.56	1	A

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-10 Date Collected: 06/14/21 15:30

Client ID: SRI-7 (24.5-25) Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		30-150	A
Decachlorobiphenyl	78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	65		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-11
Client ID: FIELD BLANK
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 08:45
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 06/21/21 12:55
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 06/21/21 00:32

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 205 PARK AVENUE **Lab Number:** L2132198

Project Number: 12.0076834.10 **Report Date:** 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-11 Date Collected: 06/15/21 08:45

Client ID: FIELD BLANK Date Received: 06/15/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	63		30-150	A
Decachlorobiphenyl	58		30-150	A
2,4,5,6-Tetrachloro-m-xylene	52		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/21/21 12:21
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 06/21/21 00:32

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 11 Batch: WG1514585-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/21/21 12:21
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 06/21/21 00:32

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 11 Batch: WG1514585-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	70		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	56		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/22/21 09:30
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 06/21/21 17:51
Cleanup Method: EPA 3620B
Cleanup Date: 06/22/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-10 Batch: WG1515058-1						
Delta-BHC	ND		ug/kg	1.54	0.301	A
Lindane	ND		ug/kg	0.640	0.286	A
Alpha-BHC	ND		ug/kg	0.640	0.182	A
Beta-BHC	ND		ug/kg	1.54	0.582	A
Heptachlor	ND		ug/kg	0.768	0.344	A
Aldrin	ND		ug/kg	1.54	0.541	A
Heptachlor epoxide	ND		ug/kg	2.88	0.864	A
Endrin	ND		ug/kg	0.640	0.262	A
Endrin aldehyde	ND		ug/kg	1.92	0.672	A
Endrin ketone	ND		ug/kg	1.54	0.396	A
Dieldrin	ND		ug/kg	0.960	0.480	A
4,4'-DDE	ND		ug/kg	1.54	0.355	A
4,4'-DDD	ND		ug/kg	1.54	0.548	A
4,4'-DDT	ND		ug/kg	2.88	1.24	A
Endosulfan I	ND		ug/kg	1.54	0.363	A
Endosulfan II	ND		ug/kg	1.54	0.513	A
Endosulfan sulfate	ND		ug/kg	0.640	0.305	A
Methoxychlor	ND		ug/kg	2.88	0.896	A
Toxaphene	ND		ug/kg	28.8	8.07	A
cis-Chlordane	ND		ug/kg	1.92	0.535	A
trans-Chlordane	ND		ug/kg	1.92	0.507	A
Chlordane	ND		ug/kg	12.8	5.09	A

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/22/21 09:30
Analyst: AR

Extraction Method: EPA 3546
Extraction Date: 06/21/21 17:51
Cleanup Method: EPA 3620B
Cleanup Date: 06/22/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-10 Batch: WG1515058-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	89		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	70		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 11 Batch: WG1514585-2 WG1514585-3									
Delta-BHC	56		68		30-150	19		20	A
Lindane	61		74		30-150	20		20	A
Alpha-BHC	63		78		30-150	**21**	Q	20	A
Beta-BHC	61		73		30-150	18		20	A
Heptachlor	61		74		30-150	19		20	A
Aldrin	59		66		30-150	10		20	A
Heptachlor epoxide	57		70		30-150	20		20	A
Endrin	63		77		30-150	20		20	A
Endrin aldehyde	59		71		30-150	17		20	A
Endrin ketone	64		75		30-150	15		20	A
Dieldrin	63		77		30-150	19		20	A
4,4'-DDE	58		71		30-150	20		20	A
4,4'-DDD	63		77		30-150	20		20	A
4,4'-DDT	66		79		30-150	18		20	A
Endosulfan I	56		67		30-150	18		20	A
Endosulfan II	61		75		30-150	**21**	Q	20	A
Endosulfan sulfate	59		71		30-150	18		20	A
Methoxychlor	61		75		30-150	**21**	Q	20	A
cis-Chlordane	48		59		30-150	20		20	A
trans-Chlordane	59		73		30-150	**21**	Q	20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 11 Batch: WG1514585-2 WG1514585-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		80		30-150	A
Decachlorobiphenyl	63		78		30-150	A
2,4,5,6-Tetrachloro-m-xylene	55		64		30-150	B
Decachlorobiphenyl	52		60		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG1515058-2 WG1515058-3									
Delta-BHC	84		90		30-150	7		30	A
Lindane	86		91		30-150	6		30	A
Alpha-BHC	87		92		30-150	6		30	A
Beta-BHC	73		78		30-150	7		30	A
Heptachlor	84		88		30-150	5		30	A
Aldrin	84		88		30-150	5		30	A
Heptachlor epoxide	78		82		30-150	5		30	A
Endrin	78		82		30-150	5		30	A
Endrin aldehyde	50		58		30-150	15		30	A
Endrin ketone	64		77		30-150	18		30	A
Dieldrin	82		88		30-150	7		30	A
4,4'-DDE	77		82		30-150	6		30	A
4,4'-DDD	84		88		30-150	5		30	A
4,4'-DDT	85		88		30-150	3		30	A
Endosulfan I	72		76		30-150	5		30	A
Endosulfan II	76		83		30-150	9		30	A
Endosulfan sulfate	46		55		30-150	18		30	A
Methoxychlor	78		83		30-150	6		30	A
cis-Chlordane	69		74		30-150	7		30	A
trans-Chlordane	84		89		30-150	6		30	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132198

Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-10 Batch: WG1515058-2 WG1515058-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		69		30-150	A
Decachlorobiphenyl	85		84		30-150	A
2,4,5,6-Tetrachloro-m-xylene	64		68		30-150	B
Decachlorobiphenyl	67		70		30-150	B

METALS

Project Name: 205 PARK AVENUE
Lab Number: L2132198
Project Number: 12.0076834.10
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-01
Client ID: SRI-3 (2-2.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/14/21 12:50
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	9110		mg/kg	8.95	2.42	2	06/21/21 08:42	07/09/21 16:42	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.47	0.340	2	06/21/21 08:42	07/09/21 16:42	EPA 3050B	1,6010D	GD
Arsenic, Total	3.02		mg/kg	0.895	0.186	2	06/21/21 08:42	07/09/21 16:42	EPA 3050B	1,6010D	GD
Barium, Total	24.8		mg/kg	0.895	0.156	2	06/21/21 08:42	07/09/21 16:42	EPA 3050B	1,6010D	GD
Beryllium, Total	0.403	J	mg/kg	0.447	0.030	2	06/21/21 08:42	07/09/21 16:42	EPA 3050B	1,6010D	GD
Cadmium, Total	0.188	J	mg/kg	0.895	0.088	2	06/21/21 08:42	07/09/21 16:42	EPA 3050B	1,6010D	GD
Calcium, Total	874		mg/kg	8.95	3.13	2	06/21/21 08:42	07/09/21 16:42	EPA 3050B	1,6010D	GD
Chromium, Total	15.3		mg/kg	0.895	0.086	2	06/21/21 08:42	07/09/21 16:42	EPA 3050B	1,6010D	GD
Cobalt, Total	7.52		mg/kg	1.79	0.148	2	06/21/21 08:42	07/09/21 16:42	EPA 3050B	1,6010D	GD
Copper, Total	16.2		mg/kg	0.895	0.231	2	06/21/21 08:42	07/09/21 16:42	EPA 3050B	1,6010D	GD
Iron, Total	17000		mg/kg	4.47	0.808	2	06/21/21 08:42	07/09/21 16:42	EPA 3050B	1,6010D	GD
Lead, Total	15.9		mg/kg	4.47	0.240	2	06/21/21 08:42	07/09/21 16:42	EPA 3050B	1,6010D	GD
Magnesium, Total	2750		mg/kg	8.95	1.38	2	06/21/21 08:42	07/09/21 16:42	EPA 3050B	1,6010D	GD
Manganese, Total	240		mg/kg	0.895	0.142	2	06/21/21 08:42	07/09/21 16:42	EPA 3050B	1,6010D	GD
Mercury, Total	ND		mg/kg	0.086	0.056	1	06/21/21 08:41	06/23/21 18:06	EPA 7471B	1,7471B	OU
Nickel, Total	16.7		mg/kg	2.24	0.216	2	06/21/21 08:42	07/09/21 16:42	EPA 3050B	1,6010D	GD
Potassium, Total	598		mg/kg	224	12.9	2	06/21/21 08:42	07/09/21 16:42	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.79	0.231	2	06/21/21 08:42	07/09/21 16:42	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.895	0.253	2	06/21/21 08:42	07/09/21 16:42	EPA 3050B	1,6010D	GD
Sodium, Total	79.1	J	mg/kg	179	2.82	2	06/21/21 08:42	07/09/21 16:42	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.79	0.282	2	06/21/21 08:42	07/09/21 16:42	EPA 3050B	1,6010D	GD
Vanadium, Total	23.6		mg/kg	0.895	0.182	2	06/21/21 08:42	07/09/21 16:42	EPA 3050B	1,6010D	GD
Zinc, Total	34.4		mg/kg	4.47	0.262	2	06/21/21 08:42	07/09/21 16:42	EPA 3050B	1,6010D	GD

Project Name: 205 PARK AVENUE
Lab Number: L2132198
Project Number: 12.0076834.10
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-02
Client ID: SRI-3 (28-28.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/14/21 13:00
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4330		mg/kg	8.97	2.42	2	06/21/21 08:42	07/09/21 18:11	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.48	0.341	2	06/21/21 08:42	07/09/21 18:11	EPA 3050B	1,6010D	GD
Arsenic, Total	2.38		mg/kg	0.897	0.186	2	06/21/21 08:42	07/09/21 18:11	EPA 3050B	1,6010D	GD
Barium, Total	27.9		mg/kg	0.897	0.156	2	06/21/21 08:42	07/09/21 18:11	EPA 3050B	1,6010D	GD
Beryllium, Total	0.350	J	mg/kg	0.448	0.030	2	06/21/21 08:42	07/09/21 18:11	EPA 3050B	1,6010D	GD
Cadmium, Total	0.242	J	mg/kg	0.897	0.088	2	06/21/21 08:42	07/09/21 18:11	EPA 3050B	1,6010D	GD
Calcium, Total	1620		mg/kg	8.97	3.14	2	06/21/21 08:42	07/09/21 18:11	EPA 3050B	1,6010D	GD
Chromium, Total	16.9		mg/kg	0.897	0.086	2	06/21/21 08:42	07/09/21 18:11	EPA 3050B	1,6010D	GD
Cobalt, Total	5.75		mg/kg	1.79	0.149	2	06/21/21 08:42	07/09/21 18:11	EPA 3050B	1,6010D	GD
Copper, Total	14.3		mg/kg	0.897	0.231	2	06/21/21 08:42	07/09/21 18:11	EPA 3050B	1,6010D	GD
Iron, Total	13200		mg/kg	4.48	0.810	2	06/21/21 08:42	07/09/21 18:11	EPA 3050B	1,6010D	GD
Lead, Total	4.96		mg/kg	4.48	0.240	2	06/21/21 08:42	07/09/21 18:11	EPA 3050B	1,6010D	GD
Magnesium, Total	2610		mg/kg	8.97	1.38	2	06/21/21 08:42	07/09/21 18:11	EPA 3050B	1,6010D	GD
Manganese, Total	319		mg/kg	0.897	0.143	2	06/21/21 08:42	07/12/21 14:13	EPA 3050B	1,6010D	GD
Mercury, Total	ND		mg/kg	0.086	0.056	1	06/21/21 08:41	06/23/21 18:19	EPA 7471B	1,7471B	OU
Nickel, Total	18.6		mg/kg	2.24	0.217	2	06/21/21 08:42	07/09/21 18:11	EPA 3050B	1,6010D	GD
Potassium, Total	820		mg/kg	224	12.9	2	06/21/21 08:42	07/09/21 18:11	EPA 3050B	1,6010D	GD
Selenium, Total	0.278	J	mg/kg	1.79	0.231	2	06/21/21 08:42	07/09/21 18:11	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.897	0.254	2	06/21/21 08:42	07/09/21 18:11	EPA 3050B	1,6010D	GD
Sodium, Total	113	J	mg/kg	179	2.82	2	06/21/21 08:42	07/09/21 18:11	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.79	0.282	2	06/21/21 08:42	07/09/21 18:11	EPA 3050B	1,6010D	GD
Vanadium, Total	22.2		mg/kg	0.897	0.182	2	06/21/21 08:42	07/09/21 18:11	EPA 3050B	1,6010D	GD
Zinc, Total	26.7		mg/kg	4.48	0.263	2	06/21/21 08:42	07/09/21 18:11	EPA 3050B	1,6010D	GD

Project Name: 205 PARK AVENUE
Lab Number: L2132198
Project Number: 12.0076834.10
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-03
Client ID: SRI-4 (1-1.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/14/21 10:46
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	8110		mg/kg	9.09	2.45	2	06/21/21 08:42	07/09/21 18:15	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.54	0.345	2	06/21/21 08:42	07/09/21 18:15	EPA 3050B	1,6010D	GD
Arsenic, Total	8.65		mg/kg	0.909	0.189	2	06/21/21 08:42	07/09/21 18:15	EPA 3050B	1,6010D	GD
Barium, Total	201		mg/kg	0.909	0.158	2	06/21/21 08:42	07/09/21 18:15	EPA 3050B	1,6010D	GD
Beryllium, Total	0.418	J	mg/kg	0.454	0.030	2	06/21/21 08:42	07/09/21 18:15	EPA 3050B	1,6010D	GD
Cadmium, Total	0.809	J	mg/kg	0.909	0.089	2	06/21/21 08:42	07/09/21 18:15	EPA 3050B	1,6010D	GD
Calcium, Total	10300		mg/kg	9.09	3.18	2	06/21/21 08:42	07/09/21 18:15	EPA 3050B	1,6010D	GD
Chromium, Total	21.4		mg/kg	0.909	0.087	2	06/21/21 08:42	07/09/21 18:15	EPA 3050B	1,6010D	GD
Cobalt, Total	6.22		mg/kg	1.82	0.151	2	06/21/21 08:42	07/09/21 18:15	EPA 3050B	1,6010D	GD
Copper, Total	44.8		mg/kg	0.909	0.234	2	06/21/21 08:42	07/09/21 18:15	EPA 3050B	1,6010D	GD
Iron, Total	18200		mg/kg	4.54	0.821	2	06/21/21 08:42	07/09/21 18:15	EPA 3050B	1,6010D	GD
Lead, Total	192		mg/kg	4.54	0.244	2	06/21/21 08:42	07/09/21 18:15	EPA 3050B	1,6010D	GD
Magnesium, Total	2520		mg/kg	9.09	1.40	2	06/21/21 08:42	07/09/21 18:15	EPA 3050B	1,6010D	GD
Manganese, Total	283		mg/kg	0.909	0.144	2	06/21/21 08:42	07/12/21 14:17	EPA 3050B	1,6010D	GD
Mercury, Total	0.211		mg/kg	0.088	0.057	1	06/21/21 08:41	06/23/21 18:22	EPA 7471B	1,7471B	OU
Nickel, Total	18.8		mg/kg	2.27	0.220	2	06/21/21 08:42	07/09/21 18:15	EPA 3050B	1,6010D	GD
Potassium, Total	749		mg/kg	227	13.1	2	06/21/21 08:42	07/09/21 18:15	EPA 3050B	1,6010D	GD
Selenium, Total	0.400	J	mg/kg	1.82	0.234	2	06/21/21 08:42	07/09/21 18:15	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.909	0.257	2	06/21/21 08:42	07/09/21 18:15	EPA 3050B	1,6010D	GD
Sodium, Total	321		mg/kg	182	2.86	2	06/21/21 08:42	07/09/21 18:15	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.82	0.286	2	06/21/21 08:42	07/09/21 18:15	EPA 3050B	1,6010D	GD
Vanadium, Total	23.8		mg/kg	0.909	0.184	2	06/21/21 08:42	07/09/21 18:15	EPA 3050B	1,6010D	GD
Zinc, Total	212		mg/kg	4.54	0.266	2	06/21/21 08:42	07/09/21 18:15	EPA 3050B	1,6010D	GD

Project Name: 205 PARK AVENUE
Lab Number: L2132198
Project Number: 12.0076834.10
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-04
Client ID: SRI-4 (26.5-27)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/14/21 10:55
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3270		mg/kg	8.64	2.33	2	06/21/21 08:42	07/09/21 18:20	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.32	0.328	2	06/21/21 08:42	07/09/21 18:20	EPA 3050B	1,6010D	GD
Arsenic, Total	2.76		mg/kg	0.864	0.180	2	06/21/21 08:42	07/09/21 18:20	EPA 3050B	1,6010D	GD
Barium, Total	33.2		mg/kg	0.864	0.150	2	06/21/21 08:42	07/09/21 18:20	EPA 3050B	1,6010D	GD
Beryllium, Total	0.242	J	mg/kg	0.432	0.029	2	06/21/21 08:42	07/09/21 18:20	EPA 3050B	1,6010D	GD
Cadmium, Total	0.242	J	mg/kg	0.864	0.085	2	06/21/21 08:42	07/09/21 18:20	EPA 3050B	1,6010D	GD
Calcium, Total	1020		mg/kg	8.64	3.02	2	06/21/21 08:42	07/09/21 18:20	EPA 3050B	1,6010D	GD
Chromium, Total	11.4		mg/kg	0.864	0.083	2	06/21/21 08:42	07/09/21 18:20	EPA 3050B	1,6010D	GD
Cobalt, Total	5.13		mg/kg	1.73	0.143	2	06/21/21 08:42	07/09/21 18:20	EPA 3050B	1,6010D	GD
Copper, Total	10.8		mg/kg	0.864	0.223	2	06/21/21 08:42	07/09/21 18:20	EPA 3050B	1,6010D	GD
Iron, Total	12600		mg/kg	4.32	0.780	2	06/21/21 08:42	07/09/21 18:20	EPA 3050B	1,6010D	GD
Lead, Total	5.90		mg/kg	4.32	0.231	2	06/21/21 08:42	07/09/21 18:20	EPA 3050B	1,6010D	GD
Magnesium, Total	1830		mg/kg	8.64	1.33	2	06/21/21 08:42	07/09/21 18:20	EPA 3050B	1,6010D	GD
Manganese, Total	288		mg/kg	0.864	0.137	2	06/21/21 08:42	07/12/21 17:12	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.080	0.052	1	06/21/21 08:41	06/23/21 18:26	EPA 7471B	1,7471B	OU
Nickel, Total	15.0		mg/kg	2.16	0.209	2	06/21/21 08:42	07/09/21 18:20	EPA 3050B	1,6010D	GD
Potassium, Total	638		mg/kg	216	12.4	2	06/21/21 08:42	07/09/21 18:20	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.73	0.223	2	06/21/21 08:42	07/09/21 18:20	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.864	0.244	2	06/21/21 08:42	07/09/21 18:20	EPA 3050B	1,6010D	GD
Sodium, Total	132	J	mg/kg	173	2.72	2	06/21/21 08:42	07/09/21 18:20	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.73	0.272	2	06/21/21 08:42	07/09/21 18:20	EPA 3050B	1,6010D	GD
Vanadium, Total	20.8		mg/kg	0.864	0.175	2	06/21/21 08:42	07/09/21 18:20	EPA 3050B	1,6010D	GD
Zinc, Total	22.8		mg/kg	4.32	0.253	2	06/21/21 08:42	07/09/21 18:20	EPA 3050B	1,6010D	GD

Project Name: 205 PARK AVENUE
Lab Number: L2132198
Project Number: 12.0076834.10
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-05
Client ID: SRI-5 (1.5-2)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/14/21 11:40
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5600		mg/kg	8.52	2.30	2	06/21/21 08:42	07/09/21 18:38	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.26	0.324	2	06/21/21 08:42	07/09/21 18:38	EPA 3050B	1,6010D	GD
Arsenic, Total	5.44		mg/kg	0.852	0.177	2	06/21/21 08:42	07/09/21 18:38	EPA 3050B	1,6010D	GD
Barium, Total	58.2		mg/kg	0.852	0.148	2	06/21/21 08:42	07/09/21 18:38	EPA 3050B	1,6010D	GD
Beryllium, Total	0.324	J	mg/kg	0.426	0.028	2	06/21/21 08:42	07/09/21 18:38	EPA 3050B	1,6010D	GD
Cadmium, Total	0.384	J	mg/kg	0.852	0.084	2	06/21/21 08:42	07/09/21 18:38	EPA 3050B	1,6010D	GD
Calcium, Total	1430		mg/kg	8.52	2.98	2	06/21/21 08:42	07/09/21 18:38	EPA 3050B	1,6010D	GD
Chromium, Total	9.31		mg/kg	0.852	0.082	2	06/21/21 08:42	07/09/21 18:38	EPA 3050B	1,6010D	GD
Cobalt, Total	7.06		mg/kg	1.70	0.141	2	06/21/21 08:42	07/09/21 18:38	EPA 3050B	1,6010D	GD
Copper, Total	29.0		mg/kg	0.852	0.220	2	06/21/21 08:42	07/09/21 18:38	EPA 3050B	1,6010D	GD
Iron, Total	16300		mg/kg	4.26	0.770	2	06/21/21 08:42	07/09/21 18:38	EPA 3050B	1,6010D	GD
Lead, Total	37.6		mg/kg	4.26	0.228	2	06/21/21 08:42	07/09/21 18:38	EPA 3050B	1,6010D	GD
Magnesium, Total	1690		mg/kg	8.52	1.31	2	06/21/21 08:42	07/09/21 18:38	EPA 3050B	1,6010D	GD
Manganese, Total	290		mg/kg	0.852	0.136	2	06/21/21 08:42	07/12/21 17:17	EPA 3050B	1,6010D	SV
Mercury, Total	0.144		mg/kg	0.093	0.061	1	06/21/21 08:41	06/23/21 18:29	EPA 7471B	1,7471B	OU
Nickel, Total	10.4		mg/kg	2.13	0.206	2	06/21/21 08:42	07/09/21 18:38	EPA 3050B	1,6010D	GD
Potassium, Total	556		mg/kg	213	12.3	2	06/21/21 08:42	07/09/21 18:38	EPA 3050B	1,6010D	GD
Selenium, Total	0.298	J	mg/kg	1.70	0.220	2	06/21/21 08:42	07/09/21 18:38	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.852	0.241	2	06/21/21 08:42	07/09/21 18:38	EPA 3050B	1,6010D	GD
Sodium, Total	73.9	J	mg/kg	170	2.68	2	06/21/21 08:42	07/09/21 18:38	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.70	0.268	2	06/21/21 08:42	07/09/21 18:38	EPA 3050B	1,6010D	GD
Vanadium, Total	44.7		mg/kg	0.852	0.173	2	06/21/21 08:42	07/09/21 18:38	EPA 3050B	1,6010D	GD
Zinc, Total	188		mg/kg	4.26	0.250	2	06/21/21 08:42	07/09/21 18:38	EPA 3050B	1,6010D	GD

Project Name: 205 PARK AVENUE
Lab Number: L2132198
Project Number: 12.0076834.10
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-06
Client ID: SRI-5 (27-27.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/14/21 11:55
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3580		mg/kg	8.08	2.18	2	06/21/21 08:42	07/09/21 18:43	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.04	0.307	2	06/21/21 08:42	07/09/21 18:43	EPA 3050B	1,6010D	GD
Arsenic, Total	2.06		mg/kg	0.808	0.168	2	06/21/21 08:42	07/09/21 18:43	EPA 3050B	1,6010D	GD
Barium, Total	31.6		mg/kg	0.808	0.141	2	06/21/21 08:42	07/09/21 18:43	EPA 3050B	1,6010D	GD
Beryllium, Total	0.283	J	mg/kg	0.404	0.027	2	06/21/21 08:42	07/09/21 18:43	EPA 3050B	1,6010D	GD
Cadmium, Total	0.162	J	mg/kg	0.808	0.079	2	06/21/21 08:42	07/09/21 18:43	EPA 3050B	1,6010D	GD
Calcium, Total	2100		mg/kg	8.08	2.83	2	06/21/21 08:42	07/09/21 18:43	EPA 3050B	1,6010D	GD
Chromium, Total	13.3		mg/kg	0.808	0.078	2	06/21/21 08:42	07/09/21 18:43	EPA 3050B	1,6010D	GD
Cobalt, Total	3.84		mg/kg	1.62	0.134	2	06/21/21 08:42	07/09/21 18:43	EPA 3050B	1,6010D	GD
Copper, Total	10.0		mg/kg	0.808	0.208	2	06/21/21 08:42	07/09/21 18:43	EPA 3050B	1,6010D	GD
Iron, Total	9240		mg/kg	4.04	0.730	2	06/21/21 08:42	07/09/21 18:43	EPA 3050B	1,6010D	GD
Lead, Total	17.2		mg/kg	4.04	0.216	2	06/21/21 08:42	07/09/21 18:43	EPA 3050B	1,6010D	GD
Magnesium, Total	2480		mg/kg	8.08	1.24	2	06/21/21 08:42	07/09/21 18:43	EPA 3050B	1,6010D	GD
Manganese, Total	214		mg/kg	0.808	0.128	2	06/21/21 08:42	07/12/21 17:21	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.068	0.044	1	06/21/21 08:41	06/23/21 18:32	EPA 7471B	1,7471B	OU
Nickel, Total	11.8		mg/kg	2.02	0.196	2	06/21/21 08:42	07/09/21 18:43	EPA 3050B	1,6010D	GD
Potassium, Total	779		mg/kg	202	11.6	2	06/21/21 08:42	07/09/21 18:43	EPA 3050B	1,6010D	GD
Selenium, Total	0.307	J	mg/kg	1.62	0.208	2	06/21/21 08:42	07/09/21 18:43	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.808	0.229	2	06/21/21 08:42	07/09/21 18:43	EPA 3050B	1,6010D	GD
Sodium, Total	137	J	mg/kg	162	2.54	2	06/21/21 08:42	07/09/21 18:43	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.62	0.254	2	06/21/21 08:42	07/09/21 18:43	EPA 3050B	1,6010D	GD
Vanadium, Total	16.1		mg/kg	0.808	0.164	2	06/21/21 08:42	07/09/21 18:43	EPA 3050B	1,6010D	GD
Zinc, Total	23.3		mg/kg	4.04	0.237	2	06/21/21 08:42	07/09/21 18:43	EPA 3050B	1,6010D	GD

Project Name: 205 PARK AVENUE
Lab Number: L2132198
Project Number: 12.0076834.10
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-07
Client ID: SRI-6 (2-2.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/14/21 09:50
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5670		mg/kg	8.14	2.20	2	06/21/21 08:42	07/09/21 18:56	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.07	0.310	2	06/21/21 08:42	07/09/21 18:56	EPA 3050B	1,6010D	GD
Arsenic, Total	4.76		mg/kg	0.814	0.169	2	06/21/21 08:42	07/09/21 18:56	EPA 3050B	1,6010D	GD
Barium, Total	196		mg/kg	0.814	0.142	2	06/21/21 08:42	07/09/21 18:56	EPA 3050B	1,6010D	GD
Beryllium, Total	0.310	J	mg/kg	0.407	0.027	2	06/21/21 08:42	07/09/21 18:56	EPA 3050B	1,6010D	GD
Cadmium, Total	0.383	J	mg/kg	0.814	0.080	2	06/21/21 08:42	07/09/21 18:56	EPA 3050B	1,6010D	GD
Calcium, Total	750		mg/kg	8.14	2.85	2	06/21/21 08:42	07/09/21 18:56	EPA 3050B	1,6010D	GD
Chromium, Total	15.3		mg/kg	0.814	0.078	2	06/21/21 08:42	07/09/21 18:56	EPA 3050B	1,6010D	GD
Cobalt, Total	5.20		mg/kg	1.63	0.135	2	06/21/21 08:42	07/09/21 18:56	EPA 3050B	1,6010D	GD
Copper, Total	16.6		mg/kg	0.814	0.210	2	06/21/21 08:42	07/09/21 18:56	EPA 3050B	1,6010D	GD
Iron, Total	12000		mg/kg	4.07	0.735	2	06/21/21 08:42	07/09/21 18:56	EPA 3050B	1,6010D	GD
Lead, Total	165		mg/kg	4.07	0.218	2	06/21/21 08:42	07/09/21 18:56	EPA 3050B	1,6010D	GD
Magnesium, Total	1760		mg/kg	8.14	1.25	2	06/21/21 08:42	07/09/21 18:56	EPA 3050B	1,6010D	GD
Manganese, Total	269		mg/kg	0.814	0.130	2	06/21/21 08:42	07/12/21 17:26	EPA 3050B	1,6010D	SV
Mercury, Total	0.386		mg/kg	0.080	0.052	1	06/21/21 08:41	06/23/21 18:36	EPA 7471B	1,7471B	OU
Nickel, Total	11.6		mg/kg	2.04	0.197	2	06/21/21 08:42	07/09/21 18:56	EPA 3050B	1,6010D	GD
Potassium, Total	496		mg/kg	204	11.7	2	06/21/21 08:42	07/09/21 18:56	EPA 3050B	1,6010D	GD
Selenium, Total	0.301	J	mg/kg	1.63	0.210	2	06/21/21 08:42	07/09/21 18:56	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.814	0.230	2	06/21/21 08:42	07/09/21 18:56	EPA 3050B	1,6010D	GD
Sodium, Total	59.4	J	mg/kg	163	2.56	2	06/21/21 08:42	07/09/21 18:56	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.63	0.256	2	06/21/21 08:42	07/09/21 18:56	EPA 3050B	1,6010D	GD
Vanadium, Total	17.5		mg/kg	0.814	0.165	2	06/21/21 08:42	07/09/21 18:56	EPA 3050B	1,6010D	GD
Zinc, Total	169		mg/kg	4.07	0.239	2	06/21/21 08:42	07/09/21 18:56	EPA 3050B	1,6010D	GD

Project Name: 205 PARK AVENUE
Lab Number: L2132198
Project Number: 12.0076834.10
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-08
Client ID: SRI-6 (26.5-27)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/14/21 10:00
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3860		mg/kg	8.09	2.18	2	06/21/21 08:42	07/09/21 19:01	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.05	0.308	2	06/21/21 08:42	07/09/21 19:01	EPA 3050B	1,6010D	GD
Arsenic, Total	2.68		mg/kg	0.809	0.168	2	06/21/21 08:42	07/09/21 19:01	EPA 3050B	1,6010D	GD
Barium, Total	30.4		mg/kg	0.809	0.141	2	06/21/21 08:42	07/09/21 19:01	EPA 3050B	1,6010D	GD
Beryllium, Total	0.218	J	mg/kg	0.405	0.027	2	06/21/21 08:42	07/09/21 19:01	EPA 3050B	1,6010D	GD
Cadmium, Total	0.202	J	mg/kg	0.809	0.079	2	06/21/21 08:42	07/09/21 19:01	EPA 3050B	1,6010D	GD
Calcium, Total	17200		mg/kg	8.09	2.83	2	06/21/21 08:42	07/09/21 19:01	EPA 3050B	1,6010D	GD
Chromium, Total	17.9		mg/kg	0.809	0.078	2	06/21/21 08:42	07/09/21 19:01	EPA 3050B	1,6010D	GD
Cobalt, Total	3.50		mg/kg	1.62	0.134	2	06/21/21 08:42	07/09/21 19:01	EPA 3050B	1,6010D	GD
Copper, Total	11.6		mg/kg	0.809	0.209	2	06/21/21 08:42	07/09/21 19:01	EPA 3050B	1,6010D	GD
Iron, Total	8740		mg/kg	4.05	0.731	2	06/21/21 08:42	07/09/21 19:01	EPA 3050B	1,6010D	GD
Lead, Total	38.8		mg/kg	4.05	0.217	2	06/21/21 08:42	07/09/21 19:01	EPA 3050B	1,6010D	GD
Magnesium, Total	8930		mg/kg	8.09	1.25	2	06/21/21 08:42	07/09/21 19:01	EPA 3050B	1,6010D	GD
Manganese, Total	275		mg/kg	0.809	0.129	2	06/21/21 08:42	07/12/21 17:30	EPA 3050B	1,6010D	SV
Mercury, Total	0.486		mg/kg	0.079	0.051	1	06/21/21 08:41	06/23/21 18:45	EPA 7471B	1,7471B	OU
Nickel, Total	10.3		mg/kg	2.02	0.196	2	06/21/21 08:42	07/09/21 19:01	EPA 3050B	1,6010D	GD
Potassium, Total	425		mg/kg	202	11.6	2	06/21/21 08:42	07/09/21 19:01	EPA 3050B	1,6010D	GD
Selenium, Total	0.461	J	mg/kg	1.62	0.209	2	06/21/21 08:42	07/09/21 19:01	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.809	0.229	2	06/21/21 08:42	07/09/21 19:01	EPA 3050B	1,6010D	GD
Sodium, Total	140	J	mg/kg	162	2.55	2	06/21/21 08:42	07/09/21 19:01	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.62	0.255	2	06/21/21 08:42	07/09/21 19:01	EPA 3050B	1,6010D	GD
Vanadium, Total	14.2		mg/kg	0.809	0.164	2	06/21/21 08:42	07/09/21 19:01	EPA 3050B	1,6010D	GD
Zinc, Total	35.2		mg/kg	4.05	0.237	2	06/21/21 08:42	07/09/21 19:01	EPA 3050B	1,6010D	GD

Project Name: 205 PARK AVENUE
Lab Number: L2132198
Project Number: 12.0076834.10
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-09
Client ID: SRI-7 (1.5-2)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/14/21 15:00
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 94%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5070		mg/kg	8.37	2.26	2	06/21/21 08:42	07/09/21 19:10	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.19	0.318	2	06/21/21 08:42	07/09/21 19:10	EPA 3050B	1,6010D	GD
Arsenic, Total	3.71		mg/kg	0.837	0.174	2	06/21/21 08:42	07/09/21 19:10	EPA 3050B	1,6010D	GD
Barium, Total	71.4		mg/kg	0.837	0.146	2	06/21/21 08:42	07/09/21 19:10	EPA 3050B	1,6010D	GD
Beryllium, Total	0.360	J	mg/kg	0.419	0.028	2	06/21/21 08:42	07/09/21 19:10	EPA 3050B	1,6010D	GD
Cadmium, Total	0.343	J	mg/kg	0.837	0.082	2	06/21/21 08:42	07/09/21 19:10	EPA 3050B	1,6010D	GD
Calcium, Total	5470		mg/kg	8.37	2.93	2	06/21/21 08:42	07/09/21 19:10	EPA 3050B	1,6010D	GD
Chromium, Total	13.5		mg/kg	0.837	0.080	2	06/21/21 08:42	07/09/21 19:10	EPA 3050B	1,6010D	GD
Cobalt, Total	9.03		mg/kg	1.67	0.139	2	06/21/21 08:42	07/09/21 19:10	EPA 3050B	1,6010D	GD
Copper, Total	17.0		mg/kg	0.837	0.216	2	06/21/21 08:42	07/09/21 19:10	EPA 3050B	1,6010D	GD
Iron, Total	12100		mg/kg	4.19	0.756	2	06/21/21 08:42	07/09/21 19:10	EPA 3050B	1,6010D	GD
Lead, Total	47.5		mg/kg	4.19	0.224	2	06/21/21 08:42	07/09/21 19:10	EPA 3050B	1,6010D	GD
Magnesium, Total	3100		mg/kg	8.37	1.29	2	06/21/21 08:42	07/09/21 19:10	EPA 3050B	1,6010D	GD
Manganese, Total	368		mg/kg	0.837	0.133	2	06/21/21 08:42	07/12/21 17:35	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.085	0.055	1	06/21/21 08:41	06/23/21 18:49	EPA 7471B	1,7471B	OU
Nickel, Total	42.6		mg/kg	2.09	0.203	2	06/21/21 08:42	07/09/21 19:10	EPA 3050B	1,6010D	GD
Potassium, Total	827		mg/kg	209	12.0	2	06/21/21 08:42	07/09/21 19:10	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.67	0.216	2	06/21/21 08:42	07/09/21 19:10	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.837	0.237	2	06/21/21 08:42	07/09/21 19:10	EPA 3050B	1,6010D	GD
Sodium, Total	97.5	J	mg/kg	167	2.64	2	06/21/21 08:42	07/09/21 19:10	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.67	0.264	2	06/21/21 08:42	07/09/21 19:10	EPA 3050B	1,6010D	GD
Vanadium, Total	18.4		mg/kg	0.837	0.170	2	06/21/21 08:42	07/09/21 19:10	EPA 3050B	1,6010D	GD
Zinc, Total	72.4		mg/kg	4.19	0.245	2	06/21/21 08:42	07/09/21 19:10	EPA 3050B	1,6010D	GD

Project Name: 205 PARK AVENUE
Lab Number: L2132198
Project Number: 12.0076834.10
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-10
Client ID: SRI-7 (24.5-25)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/14/21 15:30
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2760		mg/kg	8.19	2.21	2	06/21/21 08:42	07/09/21 19:14	EPA 3050B	1,6010D	GD
Antimony, Total	ND		mg/kg	4.10	0.311	2	06/21/21 08:42	07/09/21 19:14	EPA 3050B	1,6010D	GD
Arsenic, Total	2.04		mg/kg	0.819	0.170	2	06/21/21 08:42	07/09/21 19:14	EPA 3050B	1,6010D	GD
Barium, Total	21.6		mg/kg	0.819	0.142	2	06/21/21 08:42	07/09/21 19:14	EPA 3050B	1,6010D	GD
Beryllium, Total	0.172	J	mg/kg	0.410	0.027	2	06/21/21 08:42	07/09/21 19:14	EPA 3050B	1,6010D	GD
Cadmium, Total	0.131	J	mg/kg	0.819	0.080	2	06/21/21 08:42	07/09/21 19:14	EPA 3050B	1,6010D	GD
Calcium, Total	835		mg/kg	8.19	2.87	2	06/21/21 08:42	07/09/21 19:14	EPA 3050B	1,6010D	GD
Chromium, Total	6.90		mg/kg	0.819	0.079	2	06/21/21 08:42	07/09/21 19:14	EPA 3050B	1,6010D	GD
Cobalt, Total	3.98		mg/kg	1.64	0.136	2	06/21/21 08:42	07/09/21 19:14	EPA 3050B	1,6010D	GD
Copper, Total	10.3		mg/kg	0.819	0.211	2	06/21/21 08:42	07/09/21 19:14	EPA 3050B	1,6010D	GD
Iron, Total	7140		mg/kg	4.10	0.740	2	06/21/21 08:42	07/09/21 19:14	EPA 3050B	1,6010D	GD
Lead, Total	5.01		mg/kg	4.10	0.220	2	06/21/21 08:42	07/09/21 19:14	EPA 3050B	1,6010D	GD
Magnesium, Total	1550		mg/kg	8.19	1.26	2	06/21/21 08:42	07/09/21 19:14	EPA 3050B	1,6010D	GD
Manganese, Total	226		mg/kg	0.819	0.130	2	06/21/21 08:42	07/12/21 17:39	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.085	0.056	1	06/21/21 08:41	06/23/21 18:52	EPA 7471B	1,7471B	OU
Nickel, Total	10.0		mg/kg	2.05	0.198	2	06/21/21 08:42	07/09/21 19:14	EPA 3050B	1,6010D	GD
Potassium, Total	366		mg/kg	205	11.8	2	06/21/21 08:42	07/09/21 19:14	EPA 3050B	1,6010D	GD
Selenium, Total	ND		mg/kg	1.64	0.211	2	06/21/21 08:42	07/09/21 19:14	EPA 3050B	1,6010D	GD
Silver, Total	ND		mg/kg	0.819	0.232	2	06/21/21 08:42	07/09/21 19:14	EPA 3050B	1,6010D	GD
Sodium, Total	99.1	J	mg/kg	164	2.58	2	06/21/21 08:42	07/09/21 19:14	EPA 3050B	1,6010D	GD
Thallium, Total	ND		mg/kg	1.64	0.258	2	06/21/21 08:42	07/09/21 19:14	EPA 3050B	1,6010D	GD
Vanadium, Total	10.7		mg/kg	0.819	0.166	2	06/21/21 08:42	07/09/21 19:14	EPA 3050B	1,6010D	GD
Zinc, Total	17.2		mg/kg	4.10	0.240	2	06/21/21 08:42	07/09/21 19:14	EPA 3050B	1,6010D	GD

Project Name: 205 PARK AVENUE
Lab Number: L2132198
Project Number: 12.0076834.10
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-11
Client ID: FIELD BLANK
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/15/21 08:45
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0168		mg/l	0.0100	0.00327	1	06/21/21 15:42	06/23/21 19:21	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/21/21 15:42	06/23/21 19:21	EPA 3005A	1,6020B	CD
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/21/21 15:42	06/23/21 19:21	EPA 3005A	1,6020B	CD
Barium, Total	0.00134		mg/l	0.00050	0.00017	1	06/21/21 15:42	06/23/21 19:21	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/21/21 15:42	06/23/21 19:21	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/21/21 15:42	06/23/21 19:21	EPA 3005A	1,6020B	CD
Calcium, Total	0.0657	J	mg/l	0.100	0.0394	1	06/21/21 15:42	06/23/21 19:21	EPA 3005A	1,6020B	CD
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/21/21 15:42	06/23/21 19:21	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00030	J	mg/l	0.00050	0.00016	1	06/21/21 15:42	06/23/21 19:21	EPA 3005A	1,6020B	CD
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/21/21 15:42	06/23/21 19:21	EPA 3005A	1,6020B	CD
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/21/21 15:42	06/23/21 19:21	EPA 3005A	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/21/21 15:42	06/23/21 19:21	EPA 3005A	1,6020B	CD
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/21/21 15:42	06/23/21 19:21	EPA 3005A	1,6020B	CD
Manganese, Total	0.00057	J	mg/l	0.00700	0.00044	1	06/21/21 15:42	06/23/21 19:21	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/21/21 15:46	06/24/21 14:55	EPA 7470A	1,7470A	OU
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/21/21 15:42	06/23/21 19:21	EPA 3005A	1,6020B	CD
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/21/21 15:42	06/23/21 19:21	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/21/21 15:42	06/23/21 19:21	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/21/21 15:42	06/23/21 19:21	EPA 3005A	1,6020B	CD
Sodium, Total	0.226		mg/l	0.100	0.0293	1	06/21/21 15:42	06/23/21 19:21	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/21/21 15:42	06/23/21 19:21	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/21/21 15:42	06/23/21 19:21	EPA 3005A	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/21/21 15:42	06/23/21 19:21	EPA 3005A	1,6020B	CD

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10 Batch: WG1514086-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/21/21 08:42	07/09/21 16:19	1,6010D	GD
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/21/21 08:42	07/09/21 16:19	1,6010D	GD
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/21/21 08:42	07/09/21 16:19	1,6010D	GD
Barium, Total	ND		mg/kg	0.400	0.070	1	06/21/21 08:42	07/09/21 16:19	1,6010D	GD
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/21/21 08:42	07/09/21 16:19	1,6010D	GD
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/21/21 08:42	07/09/21 16:19	1,6010D	GD
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/21/21 08:42	07/09/21 16:19	1,6010D	GD
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/21/21 08:42	07/09/21 16:19	1,6010D	GD
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/21/21 08:42	07/09/21 16:19	1,6010D	GD
Copper, Total	ND		mg/kg	0.400	0.103	1	06/21/21 08:42	07/09/21 16:19	1,6010D	GD
Iron, Total	ND		mg/kg	2.00	0.361	1	06/21/21 08:42	07/09/21 16:19	1,6010D	GD
Lead, Total	ND		mg/kg	2.00	0.107	1	06/21/21 08:42	07/09/21 16:19	1,6010D	GD
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/21/21 08:42	07/09/21 16:19	1,6010D	GD
Manganese, Total	0.076	J	mg/kg	0.400	0.064	1	06/21/21 08:42	07/09/21 16:19	1,6010D	GD
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/21/21 08:42	07/09/21 16:19	1,6010D	GD
Potassium, Total	ND		mg/kg	100	5.76	1	06/21/21 08:42	07/09/21 16:19	1,6010D	GD
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/21/21 08:42	07/09/21 16:19	1,6010D	GD
Silver, Total	ND		mg/kg	0.400	0.113	1	06/21/21 08:42	07/09/21 16:19	1,6010D	GD
Sodium, Total	18.8	J	mg/kg	80.0	1.26	1	06/21/21 08:42	07/09/21 16:19	1,6010D	GD
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/21/21 08:42	07/09/21 16:19	1,6010D	GD
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/21/21 08:42	07/09/21 16:19	1,6010D	GD
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/21/21 08:42	07/09/21 16:19	1,6010D	GD

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-10 Batch: WG1514087-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/21/21 08:41	06/23/21 17:53	1,7471B	OU

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 11 Batch: WG1514761-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	06/21/21 15:42	06/23/21 18:16	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/21/21 15:42	06/23/21 18:16	1,6020B	CD
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/21/21 15:42	06/23/21 18:16	1,6020B	CD
Barium, Total	ND		mg/l	0.00050	0.00017	1	06/21/21 15:42	06/23/21 18:16	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/21/21 15:42	06/23/21 18:16	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/21/21 15:42	06/23/21 18:16	1,6020B	CD
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/21/21 15:42	06/23/21 18:16	1,6020B	CD
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/21/21 15:42	06/23/21 18:16	1,6020B	CD
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/21/21 15:42	06/23/21 18:16	1,6020B	CD
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/21/21 15:42	06/23/21 18:16	1,6020B	CD
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/21/21 15:42	06/23/21 18:16	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/21/21 15:42	06/23/21 18:16	1,6020B	CD
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/21/21 15:42	06/23/21 18:16	1,6020B	CD
Manganese, Total	0.00628	J	mg/l	0.00700	0.00044	1	06/21/21 15:42	06/23/21 18:16	1,6020B	CD
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/21/21 15:42	06/23/21 18:16	1,6020B	CD
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/21/21 15:42	06/23/21 18:16	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/21/21 15:42	06/23/21 18:16	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/21/21 15:42	06/23/21 18:16	1,6020B	CD
Sodium, Total	ND		mg/l	0.100	0.0293	1	06/21/21 15:42	06/23/21 18:16	1,6020B	CD
Thallium, Total	0.00023	J	mg/l	0.00100	0.00014	1	06/21/21 15:42	06/23/21 18:16	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/21/21 15:42	06/23/21 18:16	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/21/21 15:42	06/23/21 18:16	1,6020B	CD

Prep Information

Digestion Method: EPA 3005A

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132198
Report Date: 07/13/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 11 Batch: WG1514766-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/21/21 15:46	06/24/21 14:24	1,7470A	OU

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132198

Report Date: 07/13/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1514086-2 SRM Lot Number: D109-540								
Aluminum, Total	66		-		50-150	-		
Antimony, Total	104		-		19-250	-		
Arsenic, Total	97		-		70-130	-		
Barium, Total	94		-		75-125	-		
Beryllium, Total	102		-		75-125	-		
Cadmium, Total	105		-		75-125	-		
Calcium, Total	94		-		73-128	-		
Chromium, Total	99		-		70-130	-		
Cobalt, Total	107		-		75-125	-		
Copper, Total	91		-		75-125	-		
Iron, Total	89		-		35-165	-		
Lead, Total	89		-		72-128	-		
Magnesium, Total	85		-		62-138	-		
Manganese, Total	91		-		74-126	-		
Nickel, Total	105		-		70-130	-		
Potassium, Total	84		-		59-141	-		
Selenium, Total	102		-		68-132	-		
Silver, Total	88		-		68-131	-		
Sodium, Total	82		-		35-165	-		
Thallium, Total	103		-		68-131	-		
Vanadium, Total	96		-		59-141	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132198

Report Date: 07/13/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1514086-2 SRM Lot Number: D109-540					
Zinc, Total	95	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-10 Batch: WG1514087-2 SRM Lot Number: D109-540					
Mercury, Total	86	-	60-140	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132198

Report Date: 07/13/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11 Batch: WG1514761-2					
Aluminum, Total	96	-	80-120	-	
Antimony, Total	86	-	80-120	-	
Arsenic, Total	94	-	80-120	-	
Barium, Total	98	-	80-120	-	
Beryllium, Total	100	-	80-120	-	
Cadmium, Total	108	-	80-120	-	
Calcium, Total	92	-	80-120	-	
Chromium, Total	92	-	80-120	-	
Cobalt, Total	94	-	80-120	-	
Copper, Total	96	-	80-120	-	
Iron, Total	92	-	80-120	-	
Lead, Total	111	-	80-120	-	
Magnesium, Total	98	-	80-120	-	
Manganese, Total	92	-	80-120	-	
Nickel, Total	92	-	80-120	-	
Potassium, Total	97	-	80-120	-	
Selenium, Total	92	-	80-120	-	
Silver, Total	99	-	80-120	-	
Sodium, Total	98	-	80-120	-	
Thallium, Total	106	-	80-120	-	
Vanadium, Total	91	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132198

Report Date: 07/13/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11 Batch: WG1514761-2					
Zinc, Total	97	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 11 Batch: WG1514766-2					
Mercury, Total	100	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1514086-3 QC Sample: L2132198-01 Client ID: SRI-3 (2-2.5)												
Aluminum, Total	9110	180	7080	**0**	Q	-	-		75-125	-		20
Antimony, Total	ND	45	24.1	**54**	Q	-	-		75-125	-		20
Arsenic, Total	3.02	10.8	13.0	92		-	-		75-125	-		20
Barium, Total	24.8	180	190	92		-	-		75-125	-		20
Beryllium, Total	0.403J	4.5	4.59	102		-	-		75-125	-		20
Cadmium, Total	0.188J	4.76	4.69	98		-	-		75-125	-		20
Calcium, Total	874	899	1550	75		-	-		75-125	-		20
Chromium, Total	15.3	18	29.8	81		-	-		75-125	-		20
Cobalt, Total	7.52	45	47.7	89		-	-		75-125	-		20
Copper, Total	16.2	22.5	33.8	78		-	-		75-125	-		20
Iron, Total	17000	89.9	12600	**0**	Q	-	-		75-125	-		20
Lead, Total	15.9	47.6	55.6	83		-	-		75-125	-		20
Magnesium, Total	2750	899	2940	**21**	Q	-	-		75-125	-		20
Manganese, Total	240	45	212	**0**	Q	-	-		75-125	-		20
Nickel, Total	16.7	45	53.4	82		-	-		75-125	-		20
Potassium, Total	598	899	1350	84		-	-		75-125	-		20
Selenium, Total	ND	10.8	10.2	94		-	-		75-125	-		20
Silver, Total	ND	27	26.1	97		-	-		75-125	-		20
Sodium, Total	79.1J	899	947	105		-	-		75-125	-		20
Thallium, Total	ND	10.8	9.86	91		-	-		75-125	-		20
Vanadium, Total	23.6	45	61.3	84		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1514086-3 QC Sample: L2132198-01 Client ID: SRI-3 (2-2.5)									
Zinc, Total	34.4	45	72.5	85	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1514087-3 QC Sample: L2132198-01 Client ID: SRI-3 (2-2.5)									
Mercury, Total	ND	0.164	0.198	120	-	-	80-120	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11 QC Batch ID: WG1514761-3 QC Sample: L2132198-11 Client ID: FIELD BLANK									
Aluminum, Total	0.0168	2	1.96	97	-	-	75-125	-	20
Antimony, Total	ND	0.5	0.4347	87	-	-	75-125	-	20
Arsenic, Total	ND	0.12	0.1117	93	-	-	75-125	-	20
Barium, Total	0.00134	2	1.965	98	-	-	75-125	-	20
Beryllium, Total	ND	0.05	0.04951	99	-	-	75-125	-	20
Cadmium, Total	ND	0.051	0.05624	110	-	-	75-125	-	20
Calcium, Total	0.0657J	10	9.67	97	-	-	75-125	-	20
Chromium, Total	ND	0.2	0.1911	96	-	-	75-125	-	20
Cobalt, Total	0.00030J	0.5	0.4741	95	-	-	75-125	-	20
Copper, Total	ND	0.25	0.2364	94	-	-	75-125	-	20
Iron, Total	ND	1	0.985	98	-	-	75-125	-	20
Lead, Total	ND	0.51	0.5397	106	-	-	75-125	-	20
Magnesium, Total	ND	10	9.97	100	-	-	75-125	-	20
Manganese, Total	0.00057J	0.5	0.4739	95	-	-	75-125	-	20
Nickel, Total	ND	0.5	0.4571	91	-	-	75-125	-	20
Potassium, Total	ND	10	9.91	99	-	-	75-125	-	20
Selenium, Total	ND	0.12	0.114	95	-	-	75-125	-	20
Silver, Total	ND	0.05	0.04901	98	-	-	75-125	-	20
Sodium, Total	0.226	10	10.2	100	-	-	75-125	-	20
Thallium, Total	ND	0.12	0.1291	108	-	-	75-125	-	20
Vanadium, Total	ND	0.5	0.4514	90	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11 QC Batch ID: WG1514761-3 QC Sample: L2132198-11 Client ID: FIELD BLANK									
Zinc, Total	ND	0.5	0.4978	100	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 11 QC Batch ID: WG1514766-3 QC Sample: L2132424-14 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00494	99	-	-	75-125	-	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1514086-4 QC Sample: L2132198-01 Client ID: SRI-3 (2-2.5)						
Aluminum, Total	9110	8970	mg/kg	2		20
Antimony, Total	ND	ND	mg/kg	NC		20
Arsenic, Total	3.02	2.83	mg/kg	6		20
Barium, Total	24.8	25.8	mg/kg	4		20
Beryllium, Total	0.403J	0.399J	mg/kg	NC		20
Cadmium, Total	0.188J	0.195J	mg/kg	NC		20
Calcium, Total	874	780	mg/kg	11		20
Chromium, Total	15.3	16.2	mg/kg	6		20
Cobalt, Total	7.52	7.41	mg/kg	1		20
Copper, Total	16.2	14.2	mg/kg	13		20
Iron, Total	17000	16900	mg/kg	1		20
Lead, Total	15.9	19.5	mg/kg	20		20
Magnesium, Total	2750	2720	mg/kg	1		20
Manganese, Total	240	246	mg/kg	2		20
Nickel, Total	16.7	16.7	mg/kg	0		20
Potassium, Total	598	546	mg/kg	9		20
Selenium, Total	ND	ND	mg/kg	NC		20
Silver, Total	ND	ND	mg/kg	NC		20
Sodium, Total	79.1J	68.8J	mg/kg	NC		20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1514086-4 QC Sample: L2132198-01 Client ID: SRI-3 (2-2.5)					
Thallium, Total	ND	ND	mg/kg	NC	20
Vanadium, Total	23.6	22.6	mg/kg	4	20
Zinc, Total	34.4	38.4	mg/kg	11	20
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1514087-4 QC Sample: L2132198-01 Client ID: SRI-3 (2-2.5)					
Mercury, Total	ND	ND	mg/kg	NC	20

Lab Duplicate Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11 QC Batch ID: WG1514761-4 QC Sample: L2132198-11 Client ID: FIELD BLANK					
Aluminum, Total	0.0168	ND	mg/l	NC	20
Antimony, Total	ND	ND	mg/l	NC	20
Arsenic, Total	ND	ND	mg/l	NC	20
Barium, Total	0.00134	0.00049J	mg/l	NC	20
Beryllium, Total	ND	ND	mg/l	NC	20
Cadmium, Total	ND	ND	mg/l	NC	20
Calcium, Total	0.0657J	0.0547J	mg/l	NC	20
Chromium, Total	ND	ND	mg/l	NC	20
Cobalt, Total	0.00030J	ND	mg/l	NC	20
Copper, Total	ND	ND	mg/l	NC	20
Iron, Total	ND	ND	mg/l	NC	20
Lead, Total	ND	ND	mg/l	NC	20
Magnesium, Total	ND	ND	mg/l	NC	20
Manganese, Total	0.00057J	0.00550	mg/l	NC	20
Nickel, Total	ND	ND	mg/l	NC	20
Potassium, Total	ND	ND	mg/l	NC	20
Selenium, Total	ND	ND	mg/l	NC	20
Silver, Total	ND	ND	mg/l	NC	20
Sodium, Total	0.226	0.226	mg/l	0	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132198

Report Date: 07/13/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 11 QC Batch ID: WG1514761-4 QC Sample: L2132198-11 Client ID: FIELD BLANK					
Thallium, Total	ND	0.00027J	mg/l	NC	20
Vanadium, Total	ND	ND	mg/l	NC	20
Zinc, Total	ND	ND	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 11 QC Batch ID: WG1514766-4 QC Sample: L2132424-14 Client ID: DUP Sample					
Mercury, Total	ND	ND	mg/l	NC	20

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2132198
Report Date: 07/13/21

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-10 QC Batch ID: WG1514086-6 QC Sample: L2132198-01 Client ID: SRI-3 (2-2.5)						
Aluminum, Total	9110	9430	mg/kg	4		20
Barium, Total	24.8	25.9	mg/kg	4		20
Calcium, Total	874	928	mg/kg	6		20
Iron, Total	17000	18000	mg/kg	6		20
Magnesium, Total	2750	2980	mg/kg	8		20
Manganese, Total	240	252	mg/kg	5		20
Vanadium, Total	23.6	25.9	mg/kg	10		20

INORGANICS
&
MISCELLANEOUS

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-01
Client ID: SRI-3 (2-2.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 12:50
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.5		%	0.100	NA	1	-	06/16/21 08:28	121,2540G	RI

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-02
Client ID: SRI-3 (28-28.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 13:00
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.2		%	0.100	NA	1	-	06/16/21 08:28	121,2540G	RI

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-03
Client ID: SRI-4 (1-1.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 10:46
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.7		%	0.100	NA	1	-	06/16/21 08:28	121,2540G	RI

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-04
Client ID: SRI-4 (26.5-27)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 10:55
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.9		%	0.100	NA	1	-	06/16/21 08:28	121,2540G	RI

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-05
Client ID: SRI-5 (1.5-2)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 11:40
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.5		%	0.100	NA	1	-	06/16/21 08:28	121,2540G	RI

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-06
Client ID: SRI-5 (27-27.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 11:55
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.9		%	0.100	NA	1	-	06/16/21 08:28	121,2540G	RI

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-07
Client ID: SRI-6 (2-2.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 09:50
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.1		%	0.100	NA	1	-	06/16/21 08:28	121,2540G	RI

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-08
Client ID: SRI-6 (26.5-27)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 10:00
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.5		%	0.100	NA	1	-	06/16/21 08:28	121,2540G	RI

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-09
Client ID: SRI-7 (1.5-2)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 15:00
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.4		%	0.100	NA	1	-	06/16/21 08:28	121,2540G	RI

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

SAMPLE RESULTS

Lab ID: L2132198-10
Client ID: SRI-7 (24.5-25)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/14/21 15:30
Date Received: 06/15/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.4		%	0.100	NA	1	-	06/16/21 08:28	121,2540G	RI

Lab Duplicate Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-10 QC Batch ID: WG1512637-1 QC Sample: L2131378-01 Client ID: DUP Sample						
Solids, Total	81.0	81.4	%	0		20

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2132198-01A	Vial MeOH preserved	C	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2132198-01B	Vial water preserved	C	NA		4.3	Y	Absent	16-JUN-21 01:12	NYTCL-8260HLW(14)
L2132198-01C	Vial water preserved	C	NA		4.3	Y	Absent	16-JUN-21 01:12	NYTCL-8260HLW(14)
L2132198-01D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MN-TI(180),MG-TI(180),FE-TI(180),HG-T(28),NA-TI(180),CD-TI(180),K-TI(180),CA-TI(180)
L2132198-01E	Plastic 2oz unpreserved for TS	B	NA		3.2	Y	Absent		TS(7)
L2132198-01F	Plastic 120ml unpreserved	C	NA		4.3	Y	Absent		TS(7)
L2132198-01G	Glass 250ml/8oz unpreserved	C	NA		4.3	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2132198-01H	Plastic 8oz unpreserved	B	NA		3.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L2132198-02A	Vial MeOH preserved	C	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2132198-02B	Vial water preserved	C	NA		4.3	Y	Absent	16-JUN-21 01:12	NYTCL-8260HLW(14)
L2132198-02C	Vial water preserved	C	NA		4.3	Y	Absent	16-JUN-21 01:12	NYTCL-8260HLW(14)
L2132198-02D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),MN-TI(180),HG-T(28),FE-TI(180),MG-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2132198-02E	Plastic 2oz unpreserved for TS	B	NA		3.2	Y	Absent		TS(7)
L2132198-02F	Plastic 120ml unpreserved	C	NA		4.3	Y	Absent		TS(7)
L2132198-02G	Glass 250ml/8oz unpreserved	C	NA		4.3	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2132198-02H	Plastic 8oz unpreserved	B	NA		3.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L2132198-03A	Vial MeOH preserved	C	NA		4.3	Y	Absent		NYTCL-8260HLW(14),NYTCL-8260H(14)
L2132198-03B	Vial water preserved	C	NA		4.3	Y	Absent	16-JUN-21 01:12	NYTCL-8260HLW(14),NYTCL-8260H(14)
L2132198-03C	Vial water preserved	C	NA		4.3	Y	Absent	16-JUN-21 01:12	NYTCL-8260HLW(14),NYTCL-8260H(14)
L2132198-03D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),CR-TI(180),NI-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),SB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),MG-TI(180),MN-TI(180),HG-T(28),FE-TI(180),NA-TI(180),CA-TI(180),CD-TI(180),K-TI(180)
L2132198-03E	Plastic 2oz unpreserved for TS	B	NA		3.2	Y	Absent		TS(7)
L2132198-03F	Plastic 120ml unpreserved	C	NA		4.3	Y	Absent		TS(7)
L2132198-03G	Glass 250ml/8oz unpreserved	C	NA		4.3	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2132198-03H	Plastic 8oz unpreserved	B	NA		3.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L2132198-04A	Vial MeOH preserved	C	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2132198-04B	Vial water preserved	C	NA		4.3	Y	Absent	16-JUN-21 01:12	NYTCL-8260HLW(14)
L2132198-04C	Vial water preserved	C	NA		4.3	Y	Absent	16-JUN-21 01:12	NYTCL-8260HLW(14)
L2132198-04D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),K-TI(180),CA-TI(180),NA-TI(180),CD-TI(180)
L2132198-04E	Plastic 2oz unpreserved for TS	B	NA		3.2	Y	Absent		TS(7)
L2132198-04F	Plastic 120ml unpreserved	C	NA		4.3	Y	Absent		TS(7)
L2132198-04G	Glass 250ml/8oz unpreserved	C	NA		4.3	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2132198-04H	Plastic 8oz unpreserved	B	NA		3.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L2132198-05A	Vial MeOH preserved	C	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2132198-05B	Vial water preserved	C	NA		4.3	Y	Absent	**17-JUN-21 23:14**	NYTCL-8260HLW(14)
L2132198-05C	Vial water preserved	C	NA		4.3	Y	Absent	16-JUN-21 01:12	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2132198-05D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),CR-TI(180),TL-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),SB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),CD-TI(180),NA-TI(180),CA-TI(180),K-TI(180)
L2132198-05E	Plastic 2oz unpreserved for TS	B	NA		3.2	Y	Absent		TS(7)
L2132198-05F	Plastic 120ml unpreserved	C	NA		4.3	Y	Absent		TS(7)
L2132198-05G	Glass 250ml/8oz unpreserved	C	NA		4.3	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2132198-05H	Plastic 8oz unpreserved	B	NA		3.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L2132198-06A	Vial MeOH preserved	C	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2132198-06B	Vial water preserved	C	NA		4.3	Y	Absent	16-JUN-21 01:12	NYTCL-8260HLW(14)
L2132198-06C	Vial water preserved	C	NA		4.3	Y	Absent	16-JUN-21 01:12	NYTCL-8260HLW(14)
L2132198-06D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CD-TI(180),K-TI(180),NA-TI(180),CA-TI(180)
L2132198-06E	Plastic 2oz unpreserved for TS	B	NA		3.2	Y	Absent		TS(7)
L2132198-06F	Plastic 120ml unpreserved	C	NA		4.3	Y	Absent		TS(7)
L2132198-06G	Glass 250ml/8oz unpreserved	C	NA		4.3	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2132198-06H	Plastic 8oz unpreserved	B	NA		3.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L2132198-07A	Vial MeOH preserved	C	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2132198-07B	Vial water preserved	C	NA		4.3	Y	Absent	16-JUN-21 01:12	NYTCL-8260HLW(14)
L2132198-07C	Vial water preserved	C	NA		4.3	Y	Absent	16-JUN-21 01:12	NYTCL-8260HLW(14)
L2132198-07D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),SE-TI(180),SB-TI(180),CU-TI(180),ZN-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),NA-TI(180),K-TI(180),CA-TI(180),CD-TI(180)
L2132198-07E	Plastic 2oz unpreserved for TS	B	NA		3.2	Y	Absent		TS(7)
L2132198-07F	Plastic 120ml unpreserved	C	NA		4.3	Y	Absent		TS(7)
L2132198-07G	Glass 250ml/8oz unpreserved	C	NA		4.3	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2132198-07H	Plastic 8oz unpreserved	B	NA		3.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L2132198-08A	Vial MeOH preserved	C	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2132198-08B	Vial water preserved	C	NA		4.3	Y	Absent	16-JUN-21 01:12	NYTCL-8260HLW(14)
L2132198-08C	Vial water preserved	C	NA		4.3	Y	Absent	16-JUN-21 01:12	NYTCL-8260HLW(14)
L2132198-08D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.3	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),SB-TI(180),CU-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),FE-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2132198-08E	Plastic 2oz unpreserved for TS	B	NA		3.2	Y	Absent		TS(7)
L2132198-08F	Plastic 120ml unpreserved	C	NA		4.3	Y	Absent		TS(7)
L2132198-08G	Glass 250ml/8oz unpreserved	C	NA		4.3	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2132198-08H	Plastic 8oz unpreserved	B	NA		3.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L2132198-09A	Vial MeOH preserved	C	NA		4.3	Y	Absent		NYTCL-8260HLW(14)
L2132198-09B	Vial water preserved	C	NA		4.3	Y	Absent	16-JUN-21 01:12	NYTCL-8260HLW(14)
L2132198-09C	Vial water preserved	C	NA		4.3	Y	Absent	16-JUN-21 01:12	NYTCL-8260HLW(14)
L2132198-09D	Metals Only-Glass 60mL/2oz unpreserved	C	NA		4.3	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2132198-09E	Plastic 2oz unpreserved for TS	B	NA		3.2	Y	Absent		TS(7)
L2132198-09F	Plastic 120ml unpreserved	C	NA		4.3	Y	Absent		TS(7)
L2132198-09G	Glass 250ml/8oz unpreserved	C	NA		4.3	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2132198-09H	Plastic 8oz unpreserved	B	NA		3.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L2132198-10A	Vial MeOH preserved	A	NA		3.8	Y	Absent		NYTCL-8260HLW(14)
L2132198-10B	Vial water preserved	A	NA		3.8	Y	Absent	16-JUN-21 01:12	NYTCL-8260HLW(14)
L2132198-10C	Vial water preserved	A	NA		3.8	Y	Absent	16-JUN-21 01:12	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2132198-10D	Metals Only-Glass 60mL/2oz unpreserved	A	NA		3.8	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),CU-TI(180),PB-TI(180),ZN-TI(180),SE-TI(180),SB-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2132198-10E	Plastic 2oz unpreserved for TS	B	NA		3.2	Y	Absent		TS(7)
L2132198-10F	Plastic 120ml unpreserved	A	NA		3.8	Y	Absent		TS(7)
L2132198-10G	Glass 250ml/8oz unpreserved	A	NA		3.8	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2132198-10H	Plastic 8oz unpreserved	B	NA		3.2	Y	Absent		A2-NY-537-ISOTOPE(14)
L2132198-11A	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260(14)
L2132198-11B	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260(14)
L2132198-11C	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260(14)
L2132198-11D	Amber 120ml unpreserved	A	7	7	3.8	Y	Absent		NYTCL-8081(7)
L2132198-11E	Amber 120ml unpreserved	A	7	7	3.8	Y	Absent		NYTCL-8081(7)
L2132198-11F	Amber 120ml unpreserved	A	7	7	3.8	Y	Absent		NYTCL-8082-LVI(365)
L2132198-11G	Amber 120ml unpreserved	A	7	7	3.8	Y	Absent		NYTCL-8082-LVI(365)
L2132198-11H	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2132198-11J	Amber 250ml unpreserved	A	7	7	3.8	Y	Absent		NYTCL-8270-LVI(7)
L2132198-11K	Plastic 250ml HNO3 preserved	A	<2	<2	3.8	Y	Absent		SE-6020T(180),TL-6020T(180),BA-6020T(180),FE-6020T(180),CR-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),CD-6020T(180),MG-6020T(180),AL-6020T(180),HG-T(28),AG-6020T(180),CO-6020T(180)
L2132198-11L	Plastic 250ml unpreserved	A	NA		3.8	Y	Absent		A2-NY-537-ISOTOPE(14)
L2132198-12A	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260(14)
L2132198-12B	Vial HCl preserved	A	NA		3.8	Y	Absent		NYTCL-8260(14)

Container Comments

*Values in parentheses indicate holding time in days

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)

Container Comments

L2132198-11L	Sample date and time on container is 06/14/21 17:50

*Values in parentheses indicate holding time in days

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132198
Report Date: 07/13/21

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name:	205 PARK AVENUE	**Lab Number:**	L2132198
Project Number:	12.0076834.10	**Report Date:**	07/13/21

GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	205 PARK AVENUE	**Lab Number:**	L2132198
Project Number:	12.0076834.10	**Report Date:**	07/13/21

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

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

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	205 PARK AVENUE	**Lab Number:**	L2132198
Project Number:	12.0076834.10	**Report Date:**	07/13/21

Data Qualifiers

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	205 PARK AVENUE	**Lab Number:**	L2132198
Project Number:	12.0076834.10	**Report Date:**	07/13/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

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

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 2

Date Rec'd in Lab: 6/15/21

ALPHA Job #: L2132198

Project Information

Project Name: 205 Park Avenue
Project Location: 205 Park Avenue, Brooklyn, NY
Project #: 12.0076834.10
(Use Project name as Project #) ☐
Project Manager: Zhan Shu
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information

Client: GZA GeoEnvironmental
Address: 55 Lane Rd, Suite 407
Fairfield, NJ 07004
Phone: (201) 213-6178
Fax: (973) 774-3350
Email: zhan.shu@gza.com

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☒ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility: ☐ NJ ☐ NY ☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
*1,4-Dioxane = isotope dilution

Please specify Metals or TAL.

Sample Filtration: ☐ Done ☐ Lab to do
Preservation: ☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs (8260)	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	TAL Metals (6010/7471)	*1,4-Dioxane (8260)	PFAs (537)		Sample Specific Comments	Total Bottles
32198-01	SRI-3 (2-2.5)	6/14/21	1250	S	CM	X	X	X	X	X	X	X			8
-02	SRI-3 (28-28.5)		1300		CM	X	X	X	X	X	X	X			8
-03	SRI-4 (1-1.5)		1046		CM	X	X	X	X	X	X	X			8
-04	SRI-4 (26.5-27)		1055		CM	X	X	X	X	X	X	X			8
-05	SRI-5 (1.5-2)		1140		CM	X	X	X	X	X	X	X			8
-06	SRI-5 (27-27.5)		1155		CM	X	X	X	X	X	X	X			8
-07	SRI-6 (2-2.5)		0950		PB	X	X	X	X	X	X	X			8
-08	SRI-6 (26.5-27)		1000		PB	X	X	X	X	X	X	X			8
-09	SRI-7 (1.5-2)		1500		CM	X	X	X	X	X	X	X			8
-10	SRI-7 (24.5-25)	↓	1530	↓	CM	X	X	X	X	X	X	X			8
					Container Type	V/P	A	A	A	A	V/P				
					Preservative	A/F	A	A	A	A	A/F				

Preservative Code: A = None, B = HCl, C = HNO_3, D = H_2SO_4, E = NaOH, F = MeOH, G = $NaHSO_4$, H = $Na_2S_2O_3$, K/E = Zn Ac/NaOH, O = Other

Container Code: P = Plastic, A = Amber Glass, V = Vial, G = Glass, B = Bacteria Cup, C = Cube, O = Other, E = Encore, D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Paul Benya	6/15/21 09:05	[signature] AAL	6/15/21 9:05
[signature] AAL	6/15/21 11:45	Paul Cmazzella	6/15/21 1653
Paul Cmazzella	6/15/21 2158	Melissa [signature]	6/15/21 2158

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

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

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 2 of 2

Date Rec'd in Lab: 6/15/21

ALPHA Job #: L2132198

Project Information

Project Name: 205 Park Avenue
Project Location: 205 Park Avenue, Brooklyn, NY
Project # 12.0076834.10
(Use Project name as Project #) ☐
Project Manager: Zhan Shu
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Client Information

Client: GZA GeoEnvironmental
Address: 55 Lane Rd, Suite 407
Fairfield, NJ 07004
Phone: (201) 213-6178
Fax: (973) 774-3350
Email: zhan.shu@gza.com

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information

☒ Same as Client Info
PO #

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

*, 1,4-Dioxane = isotope dilution

Please specify Metals or TAL.

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs (8260)	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	TAL Metals (6010/7471)	1,4-Dioxane* (8260)	PFAS (537)		Sample Specific Comments	Total Bottles
32198-11	Field Blank	6/15	08:45	FB	PB	X	X	X	X	X	X	X			
-12	Trip Blank	6/15	—	TB	TG	X									
Container Type															
Preservative															

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Paul Bryan	6/15/21 09:05	Paul Allen AAL	6/15/21 09:05
Paul Allen AAL	6/15/21 11:45	Lou Mazzella	6/15/21 11:45
Lou Mazzella	6/15/21 21:58	Melissa Wood	6/15/21 21:58

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2132447
Client:	GZA GeoEnvironmental, Inc. 55 Lane Road Suite 407 Fairfield, NJ 07004
ATTN:	Zhan Shu
Phone:	(201) 744-0118
Project Name:	205 PARK AVENUE
Project Number:	12.0076834.10
Report Date:	06/22/21

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

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

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132447
Report Date: 06/22/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2132447-01	SV-1	SOIL_VAPOR	205 PARK AVENUE, BROOKLYN, NY	06/15/21 12:47	06/16/21
L2132447-02	DUP-1	SOIL_VAPOR	205 PARK AVENUE, BROOKLYN, NY	06/15/21 15:00	06/16/21

Project Name:	205 PARK AVENUE	**Lab Number:**	L2132447
Project Number:	12.0076834.10	**Report Date:**	06/22/21

Case Narrative

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

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

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

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

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

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

Project Name:	205 PARK AVENUE	**Lab Number:**	L2132447
Project Number:	12.0076834.10	**Report Date:**	06/22/21

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on June 11, 2021. The canister certification results are provided as an addendum.

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

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 06/22/21

AIR

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132447
Report Date: 06/22/21

SAMPLE RESULTS

Lab ID: L2132447-01
Client ID: SV-1
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 12:47
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 06/22/21 02:40
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	1.02	0.200	--	5.04	0.989	--		1
Chloromethane	0.910	0.200	--	1.88	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	1.12	0.200	--	2.48	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	129	5.00	--	243	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	50.2	1.00	--	119	2.38	--		1
Trichlorofluoromethane	0.273	0.200	--	1.53	1.12	--		1
Isopropanol	2.96	0.500	--	7.28	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	36.2	0.500	--	110	1.52	--		1
Methylene chloride	0.689	0.500	--	2.39	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.449	0.200	--	1.40	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	5.50	0.500	--	16.2	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132447
Report Date: 06/22/21

SAMPLE RESULTS

Lab ID: L2132447-01
Client ID: SV-1
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 12:47
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	1.42	0.200	--	6.93	0.977	--		1
Tetrahydrofuran	1.39	0.500	--	4.10	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	3.36	0.200	--	11.8	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	1.33	0.200	--	4.25	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	3.70	0.200	--	12.7	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	1.08	0.200	--	5.80	1.07	--		1
2,2,4-Trimethylpentane	0.483	0.200	--	2.26	0.934	--		1
Heptane	2.40	0.200	--	9.84	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.745	0.500	--	3.05	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	4.98	0.200	--	18.8	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	15.0	0.200	--	102	1.36	--		1
Chlorobenzene	0.206	0.200	--	0.949	0.921	--		1
Ethylbenzene	0.603	0.200	--	2.62	0.869	--		1

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132447
Report Date: 06/22/21

SAMPLE RESULTS

Lab ID: L2132447-01
Client ID: SV-1
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 12:47
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.90	0.400	--	8.25	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.490	0.200	--	2.09	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.05	0.200	--	4.56	0.869	--		1
4-Ethyltoluene	0.213	0.200	--	1.05	0.983	--		1
1,3,5-Trimethylbenzene	0.328	0.200	--	1.61	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	1.78	0.200	--	10.7	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	96		60-140

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132447
Report Date: 06/22/21

SAMPLE RESULTS

Lab ID: L2132447-02
Client ID: DUP-1
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 15:00
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 06/22/21 03:20
Analyst: RY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.459	0.200	--	2.27	0.989	--		1
Chloromethane	0.396	0.200	--	0.818	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.614	0.200	--	1.36	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	61.4	5.00	--	116	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	51.7	1.00	--	123	2.38	--		1
Trichlorofluoromethane	0.289	0.200	--	1.62	1.12	--		1
Isopropanol	2.17	0.500	--	5.33	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	29.8	0.500	--	90.3	1.52	--		1
Methylene chloride	0.928	0.500	--	3.22	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.275	0.200	--	0.856	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	4.83	0.500	--	14.2	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132447
Report Date: 06/22/21

SAMPLE RESULTS

Lab ID: L2132447-02
Client ID: DUP-1
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 15:00
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	1.66	0.200	--	8.11	0.977	--		1
Tetrahydrofuran	0.990	0.500	--	2.92	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.51	0.200	--	5.32	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.771	0.200	--	2.46	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	1.09	0.200	--	3.75	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	1.50	0.200	--	8.06	1.07	--		1
2,2,4-Trimethylpentane	0.226	0.200	--	1.06	0.934	--		1
Heptane	1.59	0.200	--	6.52	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.535	0.500	--	2.19	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	2.96	0.200	--	11.2	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	26.5	0.200	--	180	1.36	--		1
Chlorobenzene	0.211	0.200	--	0.972	0.921	--		1
Ethylbenzene	0.552	0.200	--	2.40	0.869	--		1

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132447
Report Date: 06/22/21

SAMPLE RESULTS

Lab ID: L2132447-02
Client ID: DUP-1
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 15:00
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.46	0.400	--	6.34	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.222	0.200	--	0.945	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.710	0.200	--	3.08	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	0.207	0.200	--	1.02	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	2.68	0.200	--	16.1	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	89		60-140
Bromochloromethane	80		60-140
chlorobenzene-d5	91		60-140

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132447
Report Date: 06/22/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 06/21/21 15:14

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1514987-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132447
Report Date: 06/22/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 06/21/21 15:14

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1514987-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132447
Report Date: 06/22/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 06/21/21 15:14

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1514987-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132447

Report Date: 06/22/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1514987-3								
Dichlorodifluoromethane	93		-		70-130	-		
Chloromethane	93		-		70-130	-		
Freon-114	94		-		70-130	-		
Vinyl chloride	92		-		70-130	-		
1,3-Butadiene	94		-		70-130	-		
Bromomethane	93		-		70-130	-		
Chloroethane	96		-		70-130	-		
Ethanol	85		-		40-160	-		
Vinyl bromide	90		-		70-130	-		
Acetone	76		-		40-160	-		
Trichlorofluoromethane	94		-		70-130	-		
Isopropanol	75		-		40-160	-		
1,1-Dichloroethene	96		-		70-130	-		
Tertiary butyl Alcohol	84		-		70-130	-		
Methylene chloride	99		-		70-130	-		
3-Chloropropene	105		-		70-130	-		
Carbon disulfide	83		-		70-130	-		
Freon-113	98		-		70-130	-		
trans-1,2-Dichloroethene	80		-		70-130	-		
1,1-Dichloroethane	85		-		70-130	-		
Methyl tert butyl ether	92		-		70-130	-		
2-Butanone	92		-		70-130	-		
cis-1,2-Dichloroethene	94		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132447

Report Date: 06/22/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1514987-3								
Ethyl Acetate	91		-		70-130	-		
Chloroform	94		-		70-130	-		
Tetrahydrofuran	91		-		70-130	-		
1,2-Dichloroethane	90		-		70-130	-		
n-Hexane	96		-		70-130	-		
1,1,1-Trichloroethane	97		-		70-130	-		
Benzene	93		-		70-130	-		
Carbon tetrachloride	98		-		70-130	-		
Cyclohexane	97		-		70-130	-		
1,2-Dichloropropane	96		-		70-130	-		
Bromodichloromethane	98		-		70-130	-		
1,4-Dioxane	95		-		70-130	-		
Trichloroethene	92		-		70-130	-		
2,2,4-Trimethylpentane	96		-		70-130	-		
Heptane	97		-		70-130	-		
cis-1,3-Dichloropropene	99		-		70-130	-		
4-Methyl-2-pentanone	101		-		70-130	-		
trans-1,3-Dichloropropene	86		-		70-130	-		
1,1,2-Trichloroethane	96		-		70-130	-		
Toluene	90		-		70-130	-		
2-Hexanone	92		-		70-130	-		
Dibromochloromethane	96		-		70-130	-		
1,2-Dibromoethane	94		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132447

Report Date: 06/22/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1514987-3								
Tetrachloroethene	94		-		70-130	-		
Chlorobenzene	94		-		70-130	-		
Ethylbenzene	94		-		70-130	-		
p/m-Xylene	94		-		70-130	-		
Bromoform	102		-		70-130	-		
Styrene	90		-		70-130	-		
1,1,2,2-Tetrachloroethane	94		-		70-130	-		
o-Xylene	93		-		70-130	-		
4-Ethyltoluene	88		-		70-130	-		
1,3,5-Trimethylbenzene	91		-		70-130	-		
1,2,4-Trimethylbenzene	95		-		70-130	-		
Benzyl chloride	85		-		70-130	-		
1,3-Dichlorobenzene	92		-		70-130	-		
1,4-Dichlorobenzene	92		-		70-130	-		
1,2-Dichlorobenzene	92		-		70-130	-		
1,2,4-Trichlorobenzene	91		-		70-130	-		
Hexachlorobutadiene	96		-		70-130	-		

Project Name: 205 PARK AVENUE

Lab Number: L2132447

Project Number: 12.0076834.10

Report Date: 06/22/21

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2132447-01	SV-1	01347	SV20	06/11/21	355247		-	-	-	Pass	18.7	17.2	8
L2132447-01	SV-1	412	2.7L Can	06/11/21	355247	L2130502-01	Pass	-29.1	-5.7	-	-	-	-
L2132447-02	DUP-1	01263	SV20	06/11/21	355247		-	-	-	Pass	19.2	18.4	4
L2132447-02	DUP-1	362	2.7L Can	06/11/21	355247	L2130502-01	Pass	-29.5	-5.2	-	-	-	-

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

Lab Number: L2130502
Report Date: 06/22/21

Air Canister Certification Results

Lab ID: L2130502-01
Client ID: CAN 2333 SHELF 3
Sample Location:

Date Collected: 06/07/21 16:00
Date Received: 06/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 06/08/21 21:56
Analyst: EW

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2130502
Report Date: 06/22/21

Air Canister Certification Results

Lab ID: L2130502-01
Client ID: CAN 2333 SHELF 3
Sample Location:

Date Collected: 06/07/21 16:00
Date Received: 06/08/21
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2130502
Report Date: 06/22/21

Air Canister Certification Results

Lab ID: L2130502-01
Client ID: CAN 2333 SHELF 3
Sample Location:

Date Collected: 06/07/21 16:00
Date Received: 06/08/21
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2130502
Report Date: 06/22/21

Air Canister Certification Results

Lab ID: L2130502-01
Client ID: CAN 2333 SHELF 3
Sample Location:

Date Collected: 06/07/21 16:00
Date Received: 06/08/21
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2130502
Report Date: 06/22/21

Air Canister Certification Results

Lab ID: L2130502-01
Client ID: CAN 2333 SHELF 3
Sample Location:

Date Collected: 06/07/21 16:00
Date Received: 06/08/21
Field Prep: Not Specified

Sample Depth:

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

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	113		60-140
chlorobenzene-d5	99		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2130502
Report Date: 06/22/21

Air Canister Certification Results

Lab ID: L2130502-01
Client ID: CAN 2333 SHELF 3
Sample Location:

Date Collected: 06/07/21 16:00
Date Received: 06/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 06/08/21 21:56
Analyst: EW

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

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2130502

Project Number: CANISTER QC BAT **Report Date:** 06/22/21

Air Canister Certification Results

Lab ID: L2130502-01
Client ID: CAN 2333 SHELF 3
Sample Location:

Date Collected: 06/07/21 16:00
Date Received: 06/08/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2130502

Project Number: CANISTER QC BAT **Report Date:** 06/22/21

Air Canister Certification Results

Lab ID: L2130502-01
Client ID: CAN 2333 SHELF 3
Sample Location:

Date Collected: 06/07/21 16:00
Date Received: 06/08/21
Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	104		60-140
bromochloromethane	112		60-140
chlorobenzene-d5	112		60-140

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132447
Report Date: 06/22/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2132447-01A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2132447-02A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	205 PARK AVENUE	**Lab Number:**	L2132447
Project Number:	12.0076834.10	**Report Date:**	06/22/21

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	205 PARK AVENUE	**Lab Number:**	L2132447
Project Number:	12.0076834.10	**Report Date:**	06/22/21

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

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

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

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report

Project Name:	205 PARK AVENUE	**Lab Number:**	L2132447
Project Number:	12.0076834.10	**Report Date:**	06/22/21

Data Qualifiers

the identification is based on a mass spectral library search.

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: Data Usability Report

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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

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

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

AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

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

Date Rec'd in Lab: 6/17/21

ALPHA Job #: L2132447

Client Information

Client: GZA GeoEnvironmental
Address: 55 Lane Rd, Suite 407
Fairfield, NJ 07004
Phone: (201) 213-6178
Fax: (973) 774-3350
Email: Zhan.Shu@gza.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 205 Park Avenue
Project Location: 205 Park Ave, Brooklyn, NY
Project #: 12.0076834.10
Project Manager: Zhan Shu
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☐ EMAIL (standard pdf report)
☐ Additional Deliverables:

Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments: Email Zhan shu for Data Deliverables

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH (Subtract Non-petroleum HCs ☐)	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
32447-01	SV-1	6/15/21	10:33	12:47	-29.55	-4.64	SV	PB	2.7	4120347		X					
-02	DUP-1	6/15/21	12:50	15:00	-30.06	-4.27	SV	PB	2.7	3620263		X					

*SAMPLE MATRIX CODES

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

Container Type

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

Relinquished By:	Date/Time	Received By:	Date/Time:
Casey McGrath	6-16-21 940		6/16/21 940
	6/16/21 1650	XPC	6/16/21 2130
	6/17/21 0345	Lin F. Bailey	6/17/21 0345

ANALYTICAL REPORT

Lab Number:	L2132476
Client:	GZA GeoEnvironmental, Inc. 55 Lane Road Suite 407 Fairfield, NJ 07004
ATTN:	Zhan Shu
Phone:	(201) 744-0118
Project Name:	205 PARK AVENUE
Project Number:	12.0076834.10
Report Date:	07/06/21

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2132476-01	SRI-2 (0-0.5)	SOIL	205 PARK AVENUE, BROOKLYN, NY	06/15/21 09:20	06/16/21
L2132476-02	SRI-2 (30-30.5)	SOIL	205 PARK AVENUE, BROOKLYN, NY	06/15/21 09:30	06/16/21
L2132476-03	SRI-1 (3-3.5)	SOIL	205 PARK AVENUE, BROOKLYN, NY	06/15/21 11:15	06/16/21
L2132476-04	SRI-1 (25-25.5)	SOIL	205 PARK AVENUE, BROOKLYN, NY	06/15/21 11:20	06/16/21
L2132476-05	SRI-8 (3.5-4)	SOIL	205 PARK AVENUE, BROOKLYN, NY	06/15/21 13:15	06/16/21
L2132476-06	SRI-8 (29.5-30)	SOIL	205 PARK AVENUE, BROOKLYN, NY	06/15/21 13:25	06/16/21
L2132476-07	DUP-1	SOIL	205 PARK AVENUE, BROOKLYN, NY	06/15/21 00:00	06/16/21
L2132476-08	DUP-2	SOIL	205 PARK AVENUE, BROOKLYN, NY	06/15/21 00:00	06/16/21
L2132476-09	TRIP BLANK	WATER	205 PARK AVENUE, BROOKLYN, NY	06/15/21 00:00	06/16/21

Project Name:	205 PARK AVENUE	**Lab Number:**	L2132476
Project Number:	12.0076834.10	**Report Date:**	07/06/21

Case Narrative

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

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

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

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

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

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

Project Name: 205 PARK AVENUE **Lab Number:** L2132476
Project Number: 12.0076834.10 **Report Date:** 07/06/21

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Perfluorinated Alkyl Acids by Isotope Dilution

L2132476-01 and -05: The MeOH fraction of the extraction is reported for Perfluorooctanesulfonamide (FOSA) due to better extraction efficiency of the M8FOSA Surrogate (Extracted Internal Standard).

L2132476-05: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

WG1513260-1R and WG1513260-2R: The sample was re-analyzed due to QC failures in the original analysis. The results of the re-analysis are reported.

Total Metals

L2132476-01 through -08: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.

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

Authorized Signature: Cristin Walker

Title: Technical Director/Representative Date: 07/06/21

ORGANICS

VOLATILES

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-01
Client ID: SRI-2 (0-0.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/15/21 09:20
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/21/21 12:19
Analyst: JC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.9	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.27	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.59	0.23	1
Chlorobenzene	ND		ug/kg	0.59	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.7	0.82	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.59	0.20	1
Bromodichloromethane	ND		ug/kg	0.59	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.32	1
cis-1,3-Dichloropropene	ND		ug/kg	0.59	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.59	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.59	0.19	1
Bromoform	ND		ug/kg	4.7	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.59	0.20	1
Benzene	ND		ug/kg	0.59	0.20	1
Toluene	ND		ug/kg	1.2	0.64	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.7	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-01 Date Collected: 06/15/21 09:20

Client ID: SRI-2 (0-0.5) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.59	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.66	1
o-Xylene	ND		ug/kg	1.2	0.34	1
Xylenes, Total	ND		ug/kg	1.2	0.34	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.7	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.59	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.7	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.7	0.77	1
Acrylonitrile	ND		ug/kg	4.7	1.4	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-01 Date Collected: 06/15/21 09:20

Client ID: SRI-2 (0-0.5) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	95	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.40	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.9	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	93		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	109		70-130

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-02
Client ID: SRI-2 (30-30.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/15/21 09:30
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/21/21 12:44
Analyst: JC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.1	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	0.77		ug/kg	0.61	0.24	1
Chlorobenzene	ND		ug/kg	0.61	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Bromodichloromethane	ND		ug/kg	0.61	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.61	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.61	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.61	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.61	0.20	1
Benzene	ND		ug/kg	0.61	0.20	1
Toluene	ND		ug/kg	1.2	0.66	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
Chloroethane	ND		ug/kg	2.4	0.55	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-02 Date Collected: 06/15/21 09:30

Client ID: SRI-2 (30-30.5) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.61	0.17	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.68	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.6	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.61	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.18	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.79	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-02 Date Collected: 06/15/21 09:30

Client ID: SRI-2 (30-30.5) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	97	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.1	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	107		70-130

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-03
Client ID: SRI-1 (3-3.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/15/21 11:15
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/21/21 13:09
Analyst: JC
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.8	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.24	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.84	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.30	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.70	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-03 Date Collected: 06/15/21 11:15

Client ID: SRI-1 (3-3.5) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.21	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.29	1
Styrene	ND		ug/kg	1.2	0.24	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.5	1
2-Butanone	ND		ug/kg	12	2.7	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.25	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.34	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.18	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-03 Date Collected: 06/15/21 11:15

Client ID: SRI-1 (3-3.5) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.21	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.39	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.33	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	96	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	108		70-130

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-04
Client ID: SRI-1 (25-25.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/15/21 11:20
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/21/21 13:34
Analyst: JC
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.3	2.4	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.15	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.24	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.13	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.28	1
Tetrachloroethene	0.21	J	ug/kg	0.53	0.21	1
Chlorobenzene	ND		ug/kg	0.53	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.2	0.74	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.27	1
1,1,1-Trichloroethane	ND		ug/kg	0.53	0.18	1
Bromodichloromethane	ND		ug/kg	0.53	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.29	1
cis-1,3-Dichloropropene	ND		ug/kg	0.53	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.53	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.53	0.17	1
Bromoform	ND		ug/kg	4.2	0.26	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.53	0.18	1
Benzene	ND		ug/kg	0.53	0.18	1
Toluene	ND		ug/kg	1.1	0.58	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.2	0.99	1
Bromomethane	ND		ug/kg	2.1	0.62	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.1	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.25	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.14	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-04 Date Collected: 06/15/21 11:20

Client ID: SRI-1 (25-25.5) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.53	0.14	1
1,2-Dichlorobenzene	ND		ug/kg	2.1	0.15	1
1,3-Dichlorobenzene	ND		ug/kg	2.1	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.1	0.18	1
Methyl tert butyl ether	ND		ug/kg	2.1	0.21	1
p/m-Xylene	ND		ug/kg	2.1	0.60	1
o-Xylene	ND		ug/kg	1.1	0.31	1
Xylenes, Total	ND		ug/kg	1.1	0.31	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.14	1
Dibromomethane	ND		ug/kg	2.1	0.25	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	0.97	1
Acetone	ND		ug/kg	11	5.1	1
Carbon disulfide	ND		ug/kg	11	4.8	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.1	0.14	1
2-Hexanone	ND		ug/kg	11	1.2	1
Bromochloromethane	ND		ug/kg	2.1	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.1	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.1	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.53	0.14	1
Bromobenzene	ND		ug/kg	2.1	0.15	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.1	0.12	1
o-Chlorotoluene	ND		ug/kg	2.1	0.20	1
p-Chlorotoluene	ND		ug/kg	2.1	0.11	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.2	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.2	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.2	0.69	1
Acrylonitrile	ND		ug/kg	4.2	1.2	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-04 Date Collected: 06/15/21 11:20

Client ID: SRI-1 (25-25.5) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.18	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.1	0.34	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.1	0.29	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.1	0.20	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.1	0.36	1
1,4-Dioxane	ND		ug/kg	85	37.	1
p-Diethylbenzene	ND		ug/kg	2.1	0.19	1
p-Ethyltoluene	ND		ug/kg	2.1	0.41	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.1	0.20	1
Ethyl ether	ND		ug/kg	2.1	0.36	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.3	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	107		70-130

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-05
Client ID: SRI-8 (3.5-4)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/15/21 13:15
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/21/21 14:00
Analyst: JC
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.4	2.5	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.6	0.15	1
Carbon tetrachloride	ND		ug/kg	1.1	0.25	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.15	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.29	1
Tetrachloroethene	0.49	J	ug/kg	0.54	0.21	1
Chlorobenzene	ND		ug/kg	0.54	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.4	0.76	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.28	1
1,1,1-Trichloroethane	ND		ug/kg	0.54	0.18	1
Bromodichloromethane	ND		ug/kg	0.54	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.54	0.17	1
1,3-Dichloropropene, Total	ND		ug/kg	0.54	0.17	1
1,1-Dichloropropene	ND		ug/kg	0.54	0.17	1
Bromoform	ND		ug/kg	4.4	0.27	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.54	0.18	1
Benzene	ND		ug/kg	0.54	0.18	1
Toluene	ND		ug/kg	1.1	0.59	1
Ethylbenzene	ND		ug/kg	1.1	0.15	1
Chloromethane	ND		ug/kg	4.4	1.0	1
Bromomethane	ND		ug/kg	2.2	0.63	1
Vinyl chloride	ND		ug/kg	1.1	0.36	1
Chloroethane	ND		ug/kg	2.2	0.49	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.26	1
trans-1,2-Dichloroethene	ND		ug/kg	1.6	0.15	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-05 Date Collected: 06/15/21 13:15

Client ID: SRI-8 (3.5-4) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.54	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.61	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.19	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.26	1
Styrene	ND		ug/kg	1.1	0.21	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.2	1
Carbon disulfide	ND		ug/kg	11	5.0	1
2-Butanone	ND		ug/kg	11	2.4	1
Vinyl acetate	ND		ug/kg	11	2.3	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.22	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.22	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.30	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.18	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.54	0.14	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.18	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.3	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.4	0.18	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.4	0.71	1
Acrylonitrile	ND		ug/kg	4.4	1.2	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-05 Date Collected: 06/15/21 13:15

Client ID: SRI-8 (3.5-4) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.35	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.21	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.36	1
1,4-Dioxane	ND		ug/kg	87	38.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.19	1
p-Ethyltoluene	ND		ug/kg	2.2	0.42	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.37	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.4	1.5	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	110		70-130

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-06
Client ID: SRI-8 (29.5-30)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/15/21 13:25
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/21/21 14:25
Analyst: JC
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	5.6	2.6	1
1,1-Dichloroethane	ND		ug/kg	1.1	0.16	1
Chloroform	ND		ug/kg	1.7	0.16	1
Carbon tetrachloride	ND		ug/kg	1.1	0.26	1
1,2-Dichloropropane	ND		ug/kg	1.1	0.14	1
Dibromochloromethane	ND		ug/kg	1.1	0.16	1
1,1,2-Trichloroethane	ND		ug/kg	1.1	0.30	1
Tetrachloroethene	0.50	J	ug/kg	0.56	0.22	1
Chlorobenzene	ND		ug/kg	0.56	0.14	1
Trichlorofluoromethane	ND		ug/kg	4.5	0.78	1
1,2-Dichloroethane	ND		ug/kg	1.1	0.29	1
1,1,1-Trichloroethane	ND		ug/kg	0.56	0.19	1
Bromodichloromethane	ND		ug/kg	0.56	0.12	1
trans-1,3-Dichloropropene	ND		ug/kg	1.1	0.30	1
cis-1,3-Dichloropropene	ND		ug/kg	0.56	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	0.56	0.18	1
1,1-Dichloropropene	ND		ug/kg	0.56	0.18	1
Bromoform	ND		ug/kg	4.5	0.28	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.56	0.18	1
Benzene	ND		ug/kg	0.56	0.18	1
Toluene	ND		ug/kg	1.1	0.61	1
Ethylbenzene	ND		ug/kg	1.1	0.16	1
Chloromethane	ND		ug/kg	4.5	1.0	1
Bromomethane	ND		ug/kg	2.2	0.65	1
Vinyl chloride	ND		ug/kg	1.1	0.38	1
Chloroethane	ND		ug/kg	2.2	0.51	1
1,1-Dichloroethene	ND		ug/kg	1.1	0.27	1
trans-1,2-Dichloroethene	ND		ug/kg	1.7	0.15	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-06 Date Collected: 06/15/21 13:25

Client ID: SRI-8 (29.5-30) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.56	0.15	1
1,2-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,3-Dichlorobenzene	ND		ug/kg	2.2	0.16	1
1,4-Dichlorobenzene	ND		ug/kg	2.2	0.19	1
Methyl tert butyl ether	ND		ug/kg	2.2	0.22	1
p/m-Xylene	ND		ug/kg	2.2	0.63	1
o-Xylene	ND		ug/kg	1.1	0.32	1
Xylenes, Total	ND		ug/kg	1.1	0.32	1
cis-1,2-Dichloroethene	ND		ug/kg	1.1	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.1	0.15	1
Dibromomethane	ND		ug/kg	2.2	0.27	1
Styrene	ND		ug/kg	1.1	0.22	1
Dichlorodifluoromethane	ND		ug/kg	11	1.0	1
Acetone	ND		ug/kg	11	5.4	1
Carbon disulfide	ND		ug/kg	11	5.1	1
2-Butanone	ND		ug/kg	11	2.5	1
Vinyl acetate	ND		ug/kg	11	2.4	1
4-Methyl-2-pentanone	ND		ug/kg	11	1.4	1
1,2,3-Trichloropropane	ND		ug/kg	2.2	0.14	1
2-Hexanone	ND		ug/kg	11	1.3	1
Bromochloromethane	ND		ug/kg	2.2	0.23	1
2,2-Dichloropropane	ND		ug/kg	2.2	0.23	1
1,2-Dibromoethane	ND		ug/kg	1.1	0.31	1
1,3-Dichloropropane	ND		ug/kg	2.2	0.19	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.56	0.15	1
Bromobenzene	ND		ug/kg	2.2	0.16	1
n-Butylbenzene	ND		ug/kg	1.1	0.19	1
sec-Butylbenzene	ND		ug/kg	1.1	0.16	1
tert-Butylbenzene	ND		ug/kg	2.2	0.13	1
o-Chlorotoluene	ND		ug/kg	2.2	0.21	1
p-Chlorotoluene	ND		ug/kg	2.2	0.12	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.4	1.1	1
Hexachlorobutadiene	ND		ug/kg	4.5	0.19	1
Isopropylbenzene	ND		ug/kg	1.1	0.12	1
p-Isopropyltoluene	ND		ug/kg	1.1	0.12	1
Naphthalene	ND		ug/kg	4.5	0.73	1
Acrylonitrile	ND		ug/kg	4.5	1.3	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-06 Date Collected: 06/15/21 13:25

Client ID: SRI-8 (29.5-30) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.1	0.19	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.2	0.36	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.2	0.30	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.2	0.22	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.2	0.37	1
1,4-Dioxane	ND		ug/kg	90	39.	1
p-Diethylbenzene	ND		ug/kg	2.2	0.20	1
p-Ethyltoluene	ND		ug/kg	2.2	0.43	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.2	0.21	1
Ethyl ether	ND		ug/kg	2.2	0.38	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.6	1.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	109		70-130

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-07
Client ID: DUP-1
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/15/21 00:00
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/21/21 14:51
Analyst: JC
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	6.0	2.7	1
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Chloroform	ND		ug/kg	1.8	0.17	1
Carbon tetrachloride	ND		ug/kg	1.2	0.28	1
1,2-Dichloropropane	ND		ug/kg	1.2	0.15	1
Dibromochloromethane	ND		ug/kg	1.2	0.17	1
1,1,2-Trichloroethane	ND		ug/kg	1.2	0.32	1
Tetrachloroethene	ND		ug/kg	0.60	0.23	1
Chlorobenzene	ND		ug/kg	0.60	0.15	1
Trichlorofluoromethane	ND		ug/kg	4.8	0.83	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.60	0.20	1
Bromodichloromethane	ND		ug/kg	0.60	0.13	1
trans-1,3-Dichloropropene	ND		ug/kg	1.2	0.33	1
cis-1,3-Dichloropropene	ND		ug/kg	0.60	0.19	1
1,3-Dichloropropene, Total	ND		ug/kg	0.60	0.19	1
1,1-Dichloropropene	ND		ug/kg	0.60	0.19	1
Bromoform	ND		ug/kg	4.8	0.29	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.60	0.20	1
Benzene	ND		ug/kg	0.60	0.20	1
Toluene	ND		ug/kg	1.2	0.65	1
Ethylbenzene	ND		ug/kg	1.2	0.17	1
Chloromethane	ND		ug/kg	4.8	1.1	1
Bromomethane	ND		ug/kg	2.4	0.69	1
Vinyl chloride	ND		ug/kg	1.2	0.40	1
Chloroethane	ND		ug/kg	2.4	0.54	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-07 Date Collected: 06/15/21 00:00

Client ID: DUP-1 Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.60	0.16	1
1,2-Dichlorobenzene	ND		ug/kg	2.4	0.17	1
1,3-Dichlorobenzene	ND		ug/kg	2.4	0.18	1
1,4-Dichlorobenzene	ND		ug/kg	2.4	0.20	1
Methyl tert butyl ether	ND		ug/kg	2.4	0.24	1
p/m-Xylene	ND		ug/kg	2.4	0.67	1
o-Xylene	ND		ug/kg	1.2	0.35	1
Xylenes, Total	ND		ug/kg	1.2	0.35	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1
Dibromomethane	ND		ug/kg	2.4	0.28	1
Styrene	ND		ug/kg	1.2	0.23	1
Dichlorodifluoromethane	ND		ug/kg	12	1.1	1
Acetone	ND		ug/kg	12	5.8	1
Carbon disulfide	ND		ug/kg	12	5.4	1
2-Butanone	ND		ug/kg	12	2.6	1
Vinyl acetate	ND		ug/kg	12	2.6	1
4-Methyl-2-pentanone	ND		ug/kg	12	1.5	1
1,2,3-Trichloropropane	ND		ug/kg	2.4	0.15	1
2-Hexanone	ND		ug/kg	12	1.4	1
Bromochloromethane	ND		ug/kg	2.4	0.24	1
2,2-Dichloropropane	ND		ug/kg	2.4	0.24	1
1,2-Dibromoethane	ND		ug/kg	1.2	0.33	1
1,3-Dichloropropane	ND		ug/kg	2.4	0.20	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.60	0.16	1
Bromobenzene	ND		ug/kg	2.4	0.17	1
n-Butylbenzene	ND		ug/kg	1.2	0.20	1
sec-Butylbenzene	ND		ug/kg	1.2	0.17	1
tert-Butylbenzene	ND		ug/kg	2.4	0.14	1
o-Chlorotoluene	ND		ug/kg	2.4	0.23	1
p-Chlorotoluene	ND		ug/kg	2.4	0.13	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.6	1.2	1
Hexachlorobutadiene	ND		ug/kg	4.8	0.20	1
Isopropylbenzene	ND		ug/kg	1.2	0.13	1
p-Isopropyltoluene	ND		ug/kg	1.2	0.13	1
Naphthalene	ND		ug/kg	4.8	0.78	1
Acrylonitrile	ND		ug/kg	4.8	1.4	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-07 Date Collected: 06/15/21 00:00

Client ID: DUP-1 Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	1.2	0.20	1
1,2,3-Trichlorobenzene	ND		ug/kg	2.4	0.38	1
1,2,4-Trichlorobenzene	ND		ug/kg	2.4	0.32	1
1,3,5-Trimethylbenzene	ND		ug/kg	2.4	0.23	1
1,2,4-Trimethylbenzene	ND		ug/kg	2.4	0.40	1
1,4-Dioxane	ND		ug/kg	96	42.	1
p-Diethylbenzene	ND		ug/kg	2.4	0.21	1
p-Ethyltoluene	ND		ug/kg	2.4	0.46	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.4	0.23	1
Ethyl ether	ND		ug/kg	2.4	0.41	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	6.0	1.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	108		70-130

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-08
Client ID: DUP-2
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/15/21 00:00
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 06/21/21 15:16
Analyst: JC
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Methylene chloride	ND		ug/kg	4.6	2.1	1
1,1-Dichloroethane	ND		ug/kg	0.93	0.13	1
Chloroform	ND		ug/kg	1.4	0.13	1
Carbon tetrachloride	ND		ug/kg	0.93	0.21	1
1,2-Dichloropropane	ND		ug/kg	0.93	0.12	1
Dibromochloromethane	ND		ug/kg	0.93	0.13	1
1,1,2-Trichloroethane	ND		ug/kg	0.93	0.25	1
Tetrachloroethene	0.34	J	ug/kg	0.46	0.18	1
Chlorobenzene	ND		ug/kg	0.46	0.12	1
Trichlorofluoromethane	ND		ug/kg	3.7	0.64	1
1,2-Dichloroethane	ND		ug/kg	0.93	0.24	1
1,1,1-Trichloroethane	ND		ug/kg	0.46	0.15	1
Bromodichloromethane	ND		ug/kg	0.46	0.10	1
trans-1,3-Dichloropropene	ND		ug/kg	0.93	0.25	1
cis-1,3-Dichloropropene	ND		ug/kg	0.46	0.15	1
1,3-Dichloropropene, Total	ND		ug/kg	0.46	0.15	1
1,1-Dichloropropene	ND		ug/kg	0.46	0.15	1
Bromoform	ND		ug/kg	3.7	0.23	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.46	0.15	1
Benzene	ND		ug/kg	0.46	0.15	1
Toluene	ND		ug/kg	0.93	0.50	1
Ethylbenzene	ND		ug/kg	0.93	0.13	1
Chloromethane	ND		ug/kg	3.7	0.86	1
Bromomethane	ND		ug/kg	1.8	0.54	1
Vinyl chloride	ND		ug/kg	0.93	0.31	1
Chloroethane	ND		ug/kg	1.8	0.42	1
1,1-Dichloroethene	ND		ug/kg	0.93	0.22	1
trans-1,2-Dichloroethene	ND		ug/kg	1.4	0.13	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-08 Date Collected: 06/15/21 00:00

Client ID: DUP-2 Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
Trichloroethene	ND		ug/kg	0.46	0.13	1
1,2-Dichlorobenzene	ND		ug/kg	1.8	0.13	1
1,3-Dichlorobenzene	ND		ug/kg	1.8	0.14	1
1,4-Dichlorobenzene	ND		ug/kg	1.8	0.16	1
Methyl tert butyl ether	ND		ug/kg	1.8	0.19	1
p/m-Xylene	ND		ug/kg	1.8	0.52	1
o-Xylene	ND		ug/kg	0.93	0.27	1
Xylenes, Total	ND		ug/kg	0.93	0.27	1
cis-1,2-Dichloroethene	ND		ug/kg	0.93	0.16	1
1,2-Dichloroethene, Total	ND		ug/kg	0.93	0.13	1
Dibromomethane	ND		ug/kg	1.8	0.22	1
Styrene	ND		ug/kg	0.93	0.18	1
Dichlorodifluoromethane	ND		ug/kg	9.3	0.85	1
Acetone	ND		ug/kg	9.3	4.4	1
Carbon disulfide	ND		ug/kg	9.3	4.2	1
2-Butanone	ND		ug/kg	9.3	2.0	1
Vinyl acetate	ND		ug/kg	9.3	2.0	1
4-Methyl-2-pentanone	ND		ug/kg	9.3	1.2	1
1,2,3-Trichloropropane	ND		ug/kg	1.8	0.12	1
2-Hexanone	ND		ug/kg	9.3	1.1	1
Bromochloromethane	ND		ug/kg	1.8	0.19	1
2,2-Dichloropropane	ND		ug/kg	1.8	0.19	1
1,2-Dibromoethane	ND		ug/kg	0.93	0.26	1
1,3-Dichloropropane	ND		ug/kg	1.8	0.15	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.46	0.12	1
Bromobenzene	ND		ug/kg	1.8	0.13	1
n-Butylbenzene	ND		ug/kg	0.93	0.15	1
sec-Butylbenzene	ND		ug/kg	0.93	0.14	1
tert-Butylbenzene	ND		ug/kg	1.8	0.11	1
o-Chlorotoluene	ND		ug/kg	1.8	0.18	1
p-Chlorotoluene	ND		ug/kg	1.8	0.10	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	2.8	0.92	1
Hexachlorobutadiene	ND		ug/kg	3.7	0.16	1
Isopropylbenzene	ND		ug/kg	0.93	0.10	1
p-Isopropyltoluene	ND		ug/kg	0.93	0.10	1
Naphthalene	ND		ug/kg	3.7	0.60	1
Acrylonitrile	ND		ug/kg	3.7	1.1	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-08 Date Collected: 06/15/21 00:00

Client ID: DUP-2 Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by EPA 5035 Low - Westborough Lab						
n-Propylbenzene	ND		ug/kg	0.93	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	1.8	0.30	1
1,2,4-Trichlorobenzene	ND		ug/kg	1.8	0.25	1
1,3,5-Trimethylbenzene	ND		ug/kg	1.8	0.18	1
1,2,4-Trimethylbenzene	ND		ug/kg	1.8	0.31	1
1,4-Dioxane	ND		ug/kg	74	32.	1
p-Diethylbenzene	ND		ug/kg	1.8	0.16	1
p-Ethyltoluene	ND		ug/kg	1.8	0.36	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	1.8	0.18	1
Ethyl ether	ND		ug/kg	1.8	0.32	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	4.6	1.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	110		70-130

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-09
Client ID: TRIP BLANK
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/15/21 00:00
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/23/21 08:59
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-09 Date Collected: 06/15/21 00:00

Client ID: TRIP BLANK Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-09 Date Collected: 06/15/21 00:00

Client ID: TRIP BLANK Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	113		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	118		70-130

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/21/21 08:31
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-08 Batch: WG1515274-5					
Methylene chloride	ND		ug/kg	5.0	2.3
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Chloroform	ND		ug/kg	1.5	0.14
Carbon tetrachloride	ND		ug/kg	1.0	0.23
1,2-Dichloropropane	ND		ug/kg	1.0	0.12
Dibromochloromethane	ND		ug/kg	1.0	0.14
1,1,2-Trichloroethane	ND		ug/kg	1.0	0.27
Tetrachloroethene	ND		ug/kg	0.50	0.20
Chlorobenzene	ND		ug/kg	0.50	0.13
Trichlorofluoromethane	ND		ug/kg	4.0	0.70
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Bromodichloromethane	ND		ug/kg	0.50	0.11
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.27
cis-1,3-Dichloropropene	ND		ug/kg	0.50	0.16
1,3-Dichloropropene, Total	ND		ug/kg	0.50	0.16
1,1-Dichloropropene	ND		ug/kg	0.50	0.16
Bromoform	ND		ug/kg	4.0	0.25
1,1,2,2-Tetrachloroethane	ND		ug/kg	0.50	0.17
Benzene	ND		ug/kg	0.50	0.17
Toluene	ND		ug/kg	1.0	0.54
Ethylbenzene	ND		ug/kg	1.0	0.14
Chloromethane	ND		ug/kg	4.0	0.93
Bromomethane	ND		ug/kg	2.0	0.58
Vinyl chloride	ND		ug/kg	1.0	0.34
Chloroethane	ND		ug/kg	2.0	0.45
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/21/21 08:31
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-08 Batch: WG1515274-5					
1,2-Dichlorobenzene	ND		ug/kg	2.0	0.14
1,3-Dichlorobenzene	ND		ug/kg	2.0	0.15
1,4-Dichlorobenzene	ND		ug/kg	2.0	0.17
Methyl tert butyl ether	ND		ug/kg	2.0	0.20
p/m-Xylene	ND		ug/kg	2.0	0.56
o-Xylene	ND		ug/kg	1.0	0.29
Xylenes, Total	ND		ug/kg	1.0	0.29
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	2.0	0.24
Styrene	ND		ug/kg	1.0	0.20
Dichlorodifluoromethane	ND		ug/kg	10	0.92
Acetone	ND		ug/kg	10	4.8
Carbon disulfide	ND		ug/kg	10	4.6
2-Butanone	ND		ug/kg	10	2.2
Vinyl acetate	ND		ug/kg	10	2.2
4-Methyl-2-pentanone	ND		ug/kg	10	1.3
1,2,3-Trichloropropane	ND		ug/kg	2.0	0.13
2-Hexanone	ND		ug/kg	10	1.2
Bromochloromethane	ND		ug/kg	2.0	0.20
2,2-Dichloropropane	ND		ug/kg	2.0	0.20
1,2-Dibromoethane	ND		ug/kg	1.0	0.28
1,3-Dichloropropane	ND		ug/kg	2.0	0.17
1,1,1,2-Tetrachloroethane	ND		ug/kg	0.50	0.13
Bromobenzene	ND		ug/kg	2.0	0.14
n-Butylbenzene	ND		ug/kg	1.0	0.17
sec-Butylbenzene	ND		ug/kg	1.0	0.15
tert-Butylbenzene	ND		ug/kg	2.0	0.12
o-Chlorotoluene	ND		ug/kg	2.0	0.19

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/21/21 08:31
Analyst: JC

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by EPA 5035 Low - Westborough Lab for sample(s): 01-08 Batch: WG1515274-5					
p-Chlorotoluene	ND		ug/kg	2.0	0.11
1,2-Dibromo-3-chloropropane	ND		ug/kg	3.0	1.0
Hexachlorobutadiene	ND		ug/kg	4.0	0.17
Isopropylbenzene	ND		ug/kg	1.0	0.11
p-Isopropyltoluene	ND		ug/kg	1.0	0.11
Naphthalene	ND		ug/kg	4.0	0.65
Acrylonitrile	ND		ug/kg	4.0	1.2
n-Propylbenzene	ND		ug/kg	1.0	0.17
1,2,3-Trichlorobenzene	ND		ug/kg	2.0	0.32
1,2,4-Trichlorobenzene	ND		ug/kg	2.0	0.27
1,3,5-Trimethylbenzene	ND		ug/kg	2.0	0.19
1,2,4-Trimethylbenzene	ND		ug/kg	2.0	0.33
1,4-Dioxane	ND		ug/kg	80	35.
p-Diethylbenzene	ND		ug/kg	2.0	0.18
p-Ethyltoluene	ND		ug/kg	2.0	0.38
1,2,4,5-Tetramethylbenzene	ND		ug/kg	2.0	0.19
Ethyl ether	ND		ug/kg	2.0	0.34
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	1.4

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	109		70-130

Project Name: 205 PARK AVENUE
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Report Date: 07/06/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/23/21 08:18
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1516051-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 205 PARK AVENUE
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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/23/21 08:18
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1516051-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 205 PARK AVENUE
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Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/23/21 08:18
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 09 Batch: WG1516051-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	106		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-08 Batch: WG1515274-3 WG1515274-4								
Methylene chloride	110		105		70-130	5		30
1,1-Dichloroethane	115		109		70-130	5		30
Chloroform	109		105		70-130	4		30
Carbon tetrachloride	129		122		70-130	6		30
1,2-Dichloropropane	107		106		70-130	1		30
Dibromochloromethane	103		104		70-130	1		30
1,1,2-Trichloroethane	98		100		70-130	2		30
Tetrachloroethene	121		117		70-130	3		30
Chlorobenzene	104		102		70-130	2		30
Trichlorofluoromethane	134		124		70-139	8		30
1,2-Dichloroethane	104		104		70-130	0		30
1,1,1-Trichloroethane	123		117		70-130	5		30
Bromodichloromethane	106		104		70-130	2		30
trans-1,3-Dichloropropene	108		109		70-130	1		30
cis-1,3-Dichloropropene	108		108		70-130	0		30
1,1-Dichloropropene	123		117		70-130	5		30
Bromoform	98		105		70-130	7		30
1,1,2,2-Tetrachloroethane	88		95		70-130	8		30
Benzene	108		104		70-130	4		30
Toluene	108		104		70-130	4		30
Ethylbenzene	111		107		70-130	4		30
Chloromethane	110		100		52-130	10		30
Bromomethane	**148**	Q	134		57-147	10		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-08 Batch: WG1515274-3 WG1515274-4								
Vinyl chloride	119		109		67-130	9		30
Chloroethane	124		111		50-151	11		30
1,1-Dichloroethene	122		114		65-135	7		30
trans-1,2-Dichloroethene	118		112		70-130	5		30
Trichloroethene	114		110		70-130	4		30
1,2-Dichlorobenzene	102		102		70-130	0		30
1,3-Dichlorobenzene	106		105		70-130	1		30
1,4-Dichlorobenzene	103		103		70-130	0		30
Methyl tert butyl ether	101		103		66-130	2		30
p/m-Xylene	108		104		70-130	4		30
o-Xylene	103		101		70-130	2		30
cis-1,2-Dichloroethene	109		104		70-130	5		30
Dibromomethane	103		105		70-130	2		30
Styrene	101		100		70-130	1		30
Dichlorodifluoromethane	84		113		30-146	29		30
Acetone	104		106		54-140	2		30
Carbon disulfide	114		107		59-130	6		30
2-Butanone	83		96		70-130	15		30
Vinyl acetate	102		104		70-130	2		30
4-Methyl-2-pentanone	92		100		70-130	8		30
1,2,3-Trichloropropane	88		94		68-130	7		30
2-Hexanone	85		92		70-130	8		30
Bromochloromethane	107		106		70-130	1		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-08 Batch: WG1515274-3 WG1515274-4								
2,2-Dichloropropane	125		117		70-130	7		30
1,2-Dibromoethane	103		106		70-130	3		30
1,3-Dichloropropane	99		101		69-130	2		30
1,1,1,2-Tetrachloroethane	106		106		70-130	0		30
Bromobenzene	104		103		70-130	1		30
n-Butylbenzene	113		111		70-130	2		30
sec-Butylbenzene	112		108		70-130	4		30
tert-Butylbenzene	110		108		70-130	2		30
o-Chlorotoluene	106		104		70-130	2		30
p-Chlorotoluene	105		104		70-130	1		30
1,2-Dibromo-3-chloropropane	90		98		68-130	9		30
Hexachlorobutadiene	118		115		67-130	3		30
Isopropylbenzene	112		109		70-130	3		30
p-Isopropyltoluene	114		111		70-130	3		30
Naphthalene	88		94		70-130	7		30
Acrylonitrile	104		108		70-130	4		30
n-Propylbenzene	111		108		70-130	3		30
1,2,3-Trichlorobenzene	100		103		70-130	3		30
1,2,4-Trichlorobenzene	107		108		70-130	1		30
1,3,5-Trimethylbenzene	108		106		70-130	2		30
1,2,4-Trimethylbenzene	107		106		70-130	1		30
1,4-Dioxane	122		133		65-136	9		30
p-Diethylbenzene	114		111		70-130	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by EPA 5035 Low - Westborough Lab Associated sample(s): 01-08 Batch: WG1515274-3 WG1515274-4								
p-Ethyltoluene	112		110		70-130	2		30
1,2,4,5-Tetramethylbenzene	110		108		70-130	2		30
Ethyl ether	100		98		67-130	2		30
trans-1,4-Dichloro-2-butene	101		108		70-130	7		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	98		97		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	97		98		70-130
Dibromofluoromethane	99		99		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1516051-3 WG1516051-4								
Methylene chloride	100		110		70-130	10		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		94		70-130	6		20
Carbon tetrachloride	100		110		63-132	10		20
1,2-Dichloropropane	98		110		70-130	12		20
Dibromochloromethane	92		97		63-130	5		20
1,1,2-Trichloroethane	94		94		70-130	0		20
Tetrachloroethene	100		99		70-130	1		20
Chlorobenzene	96		99		75-130	3		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	92		99		70-130	7		20
1,1,1-Trichloroethane	97		99		67-130	2		20
Bromodichloromethane	91		98		67-130	7		20
trans-1,3-Dichloropropene	82		86		70-130	5		20
cis-1,3-Dichloropropene	90		90		70-130	0		20
1,1-Dichloropropene	100		97		70-130	3		20
Bromoform	90		99		54-136	10		20
1,1,2,2-Tetrachloroethane	94		100		67-130	6		20
Benzene	100		100		70-130	0		20
Toluene	97		98		70-130	1		20
Ethylbenzene	98		98		70-130	0		20
Chloromethane	120		120		64-130	0		20
Bromomethane	**150**	Q	**140**	Q	39-139	7		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1516051-3 WG1516051-4								
Vinyl chloride	130		140		55-140	7		20
Chloroethane	130		130		55-138	0		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	96		94		70-130	2		20
1,2-Dichlorobenzene	89		98		70-130	10		20
1,3-Dichlorobenzene	91		98		70-130	7		20
1,4-Dichlorobenzene	94		98		70-130	4		20
Methyl tert butyl ether	81		90		63-130	11		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	95		100		70-130	5		20
cis-1,2-Dichloroethene	98		100		70-130	2		20
Dibromomethane	89		93		70-130	4		20
1,2,3-Trichloropropane	85		94		64-130	10		20
Acrylonitrile	93		100		70-130	7		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	130		140		36-147	7		20
Acetone	87		96		58-148	10		20
Carbon disulfide	110		120		51-130	9		20
2-Butanone	87		86		63-138	1		20
Vinyl acetate	100		120		70-130	18		20
4-Methyl-2-pentanone	73		72		59-130	1		20
2-Hexanone	72		77		57-130	7		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1516051-3 WG1516051-4								
Bromochloromethane	94		98		70-130	4		20
2,2-Dichloropropane	92		94		63-133	2		20
1,2-Dibromoethane	86		89		70-130	3		20
1,3-Dichloropropane	90		98		70-130	9		20
1,1,1,2-Tetrachloroethane	92		93		64-130	1		20
Bromobenzene	91		97		70-130	6		20
n-Butylbenzene	90		100		53-136	11		20
sec-Butylbenzene	93		99		70-130	6		20
tert-Butylbenzene	90		97		70-130	7		20
o-Chlorotoluene	95		100		70-130	5		20
p-Chlorotoluene	93		100		70-130	7		20
1,2-Dibromo-3-chloropropane	72		81		41-144	12		20
Hexachlorobutadiene	90		100		63-130	11		20
Isopropylbenzene	94		99		70-130	5		20
p-Isopropyltoluene	87		96		70-130	10		20
Naphthalene	70		78		70-130	11		20
n-Propylbenzene	96		100		69-130	4		20
1,2,3-Trichlorobenzene	80		87		70-130	8		20
1,2,4-Trichlorobenzene	84		89		70-130	6		20
1,3,5-Trimethylbenzene	91		96		64-130	5		20
1,2,4-Trimethylbenzene	90		96		70-130	6		20
1,4-Dioxane	74		82		56-162	10		20
p-Diethylbenzene	86		94		70-130	9		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 09 Batch: WG1516051-3 WG1516051-4								
p-Ethyltoluene	94		100		70-130	6		20
1,2,4,5-Tetramethylbenzene	76		82		70-130	8		20
Ethyl ether	99		100		59-134	1		20
trans-1,4-Dichloro-2-butene	72		84		70-130	15		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		108		70-130
Toluene-d8	102		101		70-130
4-Bromofluorobenzene	93		100		70-130
Dibromofluoromethane	106		107		70-130

SEMIVOLATILES

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-01
Client ID: SRI-2 (0-0.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 09:20
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/25/21 13:20
Analyst: IM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/24/21 20:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	89	J	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-01 Date Collected: 06/15/21 09:20

Client ID: SRI-2 (0-0.5) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	52	J	ug/kg	110	20.	1
Benzo(a)pyrene	50	J	ug/kg	140	44.	1
Benzo(b)fluoranthene	64	J	ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	43	J	ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	38	J	ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	45	J	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	33	J	ug/kg	140	25.	1
Pyrene	75	J	ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-01 Date Collected: 06/15/21 09:20

Client ID: SRI-2 (0-0.5) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	79		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	60		30-120
2,4,6-Tribromophenol	72		10-136
4-Terphenyl-d14	56		18-120

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-01
Client ID: SRI-2 (0-0.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 09:20
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/18/21 17:48
Analyst: MP
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 06/17/21 09:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.527	0.024	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.527	0.049	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.263	0.041	1
Perfluorohexanoic Acid (PFHxA)	0.074	J	ng/g	0.527	0.055	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.263	0.048	1
Perfluorohexanesulfonic Acid (PFHxS)	0.085	J	ng/g	0.263	0.064	1
Perfluorooctanoic Acid (PFOA)	0.10	J	ng/g	0.263	0.044	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.527	0.189	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.527	0.144	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.263	0.079	1
Perfluorooctanesulfonic Acid (PFOS)	3.26		ng/g	0.263	0.137	1
Perfluorodecanoic Acid (PFDA)	0.079	J	ng/g	0.263	0.071	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.527	0.302	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.527	0.212	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.527	0.049	1
Perfluorodecanesulfonic Acid (PFDS)	11.6		ng/g	0.527	0.161	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.354	J	ng/g	0.527	0.089	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.527	0.074	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.527	0.215	1
Perfluorotetradecanoic Acid (PFTA)	0.057	J	ng/g	0.527	0.057	1
PFOA/PFOS, Total	3.36	J	ng/g	0.263	0.044	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-01 Date Collected: 06/15/21 09:20

Client ID: SRI-2 (0-0.5) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	97		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	113		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	106		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	100		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	86		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	97		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	96		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	94		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	130		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	109		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	98		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	114		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	61		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	102		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	61		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	106		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	94		24-159

Project Name: 205 PARK AVENUE
Lab Number: L2132476
Project Number: 12.0076834.10
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-01
Client ID: SRI-2 (0-0.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 09:20
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/20/21 11:40
Analyst: SG
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 06/17/21 09:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.527	0.103	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	81		10-117

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-02
Client ID: SRI-2 (30-30.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 09:30
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/25/21 13:43
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/24/21 20:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-02 Date Collected: 06/15/21 09:30

Client ID: SRI-2 (30-30.5) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	240	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-02 Date Collected: 06/15/21 09:30

Client ID: SRI-2 (30-30.5) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	54		25-120
Phenol-d6	65		10-120
Nitrobenzene-d5	63		23-120
2-Fluorobiphenyl	51		30-120
2,4,6-Tribromophenol	54		10-136
4-Terphenyl-d14	55		18-120

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-02
Client ID: SRI-2 (30-30.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 09:30
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/18/21 18:05
Analyst: MP
Percent Solids: 93%

Extraction Method: ALPHA 23528
Extraction Date: 06/17/21 09:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.478	0.022	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.478	0.044	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.239	0.037	1
Perfluorohexanoic Acid (PFHxA)	0.051	J	ng/g	0.478	0.050	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.239	0.043	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.239	0.058	1
Perfluorooctanoic Acid (PFOA)	0.124	J	ng/g	0.239	0.040	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.478	0.172	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.478	0.131	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.239	0.072	1
Perfluorooctanesulfonic Acid (PFOS)	0.189	JF	ng/g	0.239	0.124	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.239	0.064	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.478	0.275	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.478	0.193	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.478	0.045	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.478	0.146	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.478	0.094	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.128	J	ng/g	0.478	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.478	0.067	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.478	0.196	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.478	0.052	1
PFOA/PFOS, Total	0.313	J	ng/g	0.239	0.040	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-02 Date Collected: 06/15/21 09:30

Client ID: SRI-2 (30-30.5) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	96		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	114		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	101		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	92		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	80		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	94		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	91		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	88		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	121		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	104		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	95		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	126		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	60		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	107		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	21		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	52		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	89		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	86		24-159

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-03
Client ID: SRI-1 (3-3.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 11:15
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/25/21 16:06
Analyst: IM
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 06/24/21 20:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	130	17.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	19.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	16.	1
1,2-Dichlorobenzene	ND		ug/kg	170	30.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	29.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	44.	1
2,4-Dinitrotoluene	ND		ug/kg	170	33.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	ND		ug/kg	100	19.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	24.	1
Hexachlorocyclopentadiene	ND		ug/kg	480	150	1
Hexachloroethane	ND		ug/kg	130	27.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	20.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	130	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	58.	1
Butyl benzyl phthalate	ND		ug/kg	170	42.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	57.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-03 Date Collected: 06/15/21 11:15

Client ID: SRI-1 (3-3.5) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	15.	1
Dimethyl phthalate	ND		ug/kg	170	35.	1
Benzo(a)anthracene	ND		ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	130	41.	1
Benzo(b)fluoranthene	ND		ug/kg	100	28.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	ND		ug/kg	100	17.	1
Acenaphthylene	ND		ug/kg	130	26.	1
Anthracene	ND		ug/kg	100	33.	1
Benzo(ghi)perylene	ND		ug/kg	130	20.	1
Fluorene	ND		ug/kg	170	16.	1
Phenanthrene	ND		ug/kg	100	20.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	19.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	380	39.	1
4-Chloroaniline	ND		ug/kg	170	30.	1
2-Nitroaniline	ND		ug/kg	170	32.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	69.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	20.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	17.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	27.	1
2,4-Dimethylphenol	ND		ug/kg	170	55.	1
2-Nitrophenol	ND		ug/kg	360	63.	1
4-Nitrophenol	ND		ug/kg	230	68.	1
2,4-Dinitrophenol	ND		ug/kg	800	78.	1
4,6-Dinitro-o-cresol	ND		ug/kg	430	80.	1
Pentachlorophenol	ND		ug/kg	130	37.	1
Phenol	ND		ug/kg	170	25.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-03 Date Collected: 06/15/21 11:15

Client ID: SRI-1 (3-3.5) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	32.	1
Benzoic Acid	ND		ug/kg	540	170	1
Benzyl Alcohol	ND		ug/kg	170	51.	1
Carbazole	ND		ug/kg	170	16.	1
1,4-Dioxane	ND		ug/kg	25	7.7	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	66		30-120
2,4,6-Tribromophenol	69		10-136
4-Terphenyl-d14	70		18-120

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-03
Client ID: SRI-1 (3-3.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 11:15
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/18/21 18:21
Analyst: MP
Percent Solids: 97%

Extraction Method: ALPHA 23528
Extraction Date: 06/17/21 09:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.492	0.022	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.492	0.045	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.246	0.038	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.492	0.052	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.246	0.044	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.246	0.060	1
Perfluorooctanoic Acid (PFOA)	0.056	J	ng/g	0.246	0.041	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.492	0.177	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.492	0.134	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.246	0.074	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.246	0.128	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.246	0.066	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.492	0.283	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.492	0.198	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.492	0.046	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.492	0.151	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.492	0.097	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.492	0.083	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.492	0.069	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.492	0.201	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.492	0.053	1
PFOA/PFOS, Total	0.056	J	ng/g	0.246	0.041	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-03 Date Collected: 06/15/21 11:15

Client ID: SRI-1 (3-3.5) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	101		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	120		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	109		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	101		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	85		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	103		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	94		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	89		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	126		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	107		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	102		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	122		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	71		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	120		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	64		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	62		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	99		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	90		24-159

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-04
Client ID: SRI-1 (25-25.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 11:20
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/25/21 16:53
Analyst: IM
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/24/21 20:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	20.	1
Hexachlorobenzene	ND		ug/kg	100	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	17.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	30.	1
1,4-Dichlorobenzene	ND		ug/kg	180	31.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	47.	1
2,4-Dinitrotoluene	ND		ug/kg	180	35.	1
2,6-Dinitrotoluene	ND		ug/kg	180	30.	1
Fluoranthene	ND		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	27.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	30.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	500	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	21.	1
Nitrobenzene	ND		ug/kg	160	26.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	27.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	61.	1
Butyl benzyl phthalate	ND		ug/kg	180	44.	1
Di-n-butylphthalate	ND		ug/kg	180	33.	1
Di-n-octylphthalate	ND		ug/kg	180	60.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-04 Date Collected: 06/15/21 11:20

Client ID: SRI-1 (25-25.5) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	16.	1
Dimethyl phthalate	ND		ug/kg	180	37.	1
Benzo(a)anthracene	ND		ug/kg	100	20.	1
Benzo(a)pyrene	ND		ug/kg	140	43.	1
Benzo(b)fluoranthene	ND		ug/kg	100	30.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	ND		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	27.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	17.	1
Phenanthrene	ND		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	ND		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	400	41.	1
4-Chloroaniline	ND		ug/kg	180	32.	1
2-Nitroaniline	ND		ug/kg	180	34.	1
3-Nitroaniline	ND		ug/kg	180	33.	1
4-Nitroaniline	ND		ug/kg	180	73.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	18.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	33.	1
p-Chloro-m-cresol	ND		ug/kg	180	26.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	28.	1
2,4-Dimethylphenol	ND		ug/kg	180	58.	1
2-Nitrophenol	ND		ug/kg	380	66.	1
4-Nitrophenol	ND		ug/kg	250	72.	1
2,4-Dinitrophenol	ND		ug/kg	840	82.	1
4,6-Dinitro-o-cresol	ND		ug/kg	460	84.	1
Pentachlorophenol	ND		ug/kg	140	39.	1
Phenol	ND		ug/kg	180	26.	1
2-Methylphenol	ND		ug/kg	180	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	28.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-04 Date Collected: 06/15/21 11:20

Client ID: SRI-1 (25-25.5) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	570	180	1
Benzyl Alcohol	ND		ug/kg	180	54.	1
Carbazole	ND		ug/kg	180	17.	1
1,4-Dioxane	ND		ug/kg	26	8.1	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	65		25-120
Phenol-d6	76		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	63		30-120
2,4,6-Tribromophenol	63		10-136
4-Terphenyl-d14	66		18-120

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-04
Client ID: SRI-1 (25-25.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 11:20
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/18/21 18:38
Analyst: MP
Percent Solids: 93%

Extraction Method: ALPHA 23528
Extraction Date: 06/17/21 09:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.483	0.022	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.483	0.045	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.242	0.038	1
Perfluorohexanoic Acid (PFHxA)	0.057	J	ng/g	0.483	0.051	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.242	0.044	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.242	0.059	1
Perfluorooctanoic Acid (PFOA)	0.062	J	ng/g	0.242	0.041	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.483	0.174	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.483	0.132	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.242	0.073	1
Perfluorooctanesulfonic Acid (PFOS)	0.154	J	ng/g	0.242	0.126	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.242	0.065	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.483	0.277	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.483	0.195	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.483	0.045	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.483	0.148	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.483	0.095	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.483	0.082	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.483	0.068	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.483	0.198	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.483	0.052	1
PFOA/PFOS, Total	0.216	J	ng/g	0.242	0.041	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-04 Date Collected: 06/15/21 11:20

Client ID: SRI-1 (25-25.5) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	105		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	126		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	114		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	102		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	91		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	106		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	101		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	96		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	133		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	112		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	110		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	133		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	76		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	132		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	73		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	68		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	103		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	102		24-159

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-05
Client ID: SRI-8 (3.5-4)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 13:15
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/25/21 17:17
Analyst: IM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/24/21 20:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	1200		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	23000	E	ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	24.	1
Naphthalene	460		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	63.	1
Butyl benzyl phthalate	ND		ug/kg	180	46.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	62.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-05 Date Collected: 06/15/21 13:15

Client ID: SRI-8 (3.5-4) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	12000	E	ug/kg	110	20.	1
Benzo(a)pyrene	11000	E	ug/kg	140	44.	1
Benzo(b)fluoranthene	13000	E	ug/kg	110	30.	1
Benzo(k)fluoranthene	3900		ug/kg	110	29.	1
Chrysene	10000	E	ug/kg	110	19.	1
Acenaphthylene	1700		ug/kg	140	28.	1
Anthracene	5400		ug/kg	110	35.	1
Benzo(ghi)perylene	5000		ug/kg	140	21.	1
Fluorene	1800		ug/kg	180	18.	1
Phenanthrene	18000	E	ug/kg	110	22.	1
Dibenzo(a,h)anthracene	1400		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	6100		ug/kg	140	25.	1
Pyrene	20000	E	ug/kg	110	18.	1
Biphenyl	120	J	ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	990		ug/kg	180	17.	1
2-Methylnaphthalene	330		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	68	J	ug/kg	180	27.	1
2-Methylphenol	34	J	ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	110	J	ug/kg	260	28.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-05 Date Collected: 06/15/21 13:15

Client ID: SRI-8 (3.5-4) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	35.	1
Benzoic Acid	ND		ug/kg	590	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	980		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	98		10-120
Nitrobenzene-d5	99		23-120
2-Fluorobiphenyl	78		30-120
2,4,6-Tribromophenol	92		10-136
4-Terphenyl-d14	87		18-120

Project Name: 205 PARK AVENUE
Lab Number: L2132476
Project Number: 12.0076834.10
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-05
Client ID: SRI-8 (3.5-4)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 13:15
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/18/21 18:55
Analyst: MP
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 06/17/21 09:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	0.043	J	ng/g	0.489	0.022	1
Perfluoropentanoic Acid (PFPeA)	0.055	J	ng/g	0.489	0.045	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.245	0.038	1
Perfluorohexanoic Acid (PFHxA)	0.085	J	ng/g	0.489	0.051	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.245	0.044	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.245	0.059	1
Perfluorooctanoic Acid (PFOA)	0.081	J	ng/g	0.245	0.041	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.489	0.176	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.489	0.134	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.245	0.073	1
Perfluorooctanesulfonic Acid (PFOS)	0.648		ng/g	0.245	0.127	1
Perfluorodecanoic Acid (PFDA)	0.154	J	ng/g	0.245	0.066	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.489	0.281	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.489	0.197	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.489	0.046	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.489	0.150	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	0.095	J	ng/g	0.489	0.083	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.489	0.069	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.489	0.200	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.489	0.053	1
PFOA/PFOS, Total	0.729	J	ng/g	0.245	0.041	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-05 Date Collected: 06/15/21 13:15

Client ID: SRI-8 (3.5-4) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	68		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	88		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	106		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	78		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	71		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	97		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	83		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	89		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	118		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	103		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	93		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	124		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	34		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	113		61-155
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**31**	Q	34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	90		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	72		24-159

Project Name: 205 PARK AVENUE
Lab Number: L2132476
Project Number: 12.0076834.10
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-05
Client ID: SRI-8 (3.5-4)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 13:15
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/20/21 11:47
Analyst: SG
Percent Solids: 91%

Extraction Method: ALPHA 23528
Extraction Date: 06/17/21 09:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.489	0.096	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	89		10-117

Project Name: 205 PARK AVENUE
Lab Number: L2132476
Project Number: 12.0076834.10
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-05 D
Client ID: SRI-8 (3.5-4)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 13:15
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/28/21 13:42
Analyst: IM
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/24/21 20:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Fluoranthene	22000		ug/kg	540	100	5
Benzo(a)anthracene	12000		ug/kg	540	100	5
Benzo(a)pyrene	9200		ug/kg	720	220	5
Benzo(b)fluoranthene	11000		ug/kg	540	150	5
Chrysene	10000		ug/kg	540	94.	5
Phenanthrene	18000		ug/kg	540	110	5
Pyrene	20000		ug/kg	540	90.	5

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-06
Client ID: SRI-8 (29.5-30)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 13:25
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/25/21 08:49
Analyst: JG
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 06/24/21 20:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	120		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-06 Date Collected: 06/15/21 13:25

Client ID: SRI-8 (29.5-30) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	59	J	ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	57	J	ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	27.	1
Chrysene	52	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	22	J	ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	70	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	24	J	ug/kg	140	24.	1
Pyrene	100		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	40.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-06 Date Collected: 06/15/21 13:25

Client ID: SRI-8 (29.5-30) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		25-120
Phenol-d6	82		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	77		30-120
2,4,6-Tribromophenol	83		10-136
4-Terphenyl-d14	73		18-120

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-06
Client ID: SRI-8 (29.5-30)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 13:25
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/18/21 19:11
Analyst: MP
Percent Solids: 96%

Extraction Method: ALPHA 23528
Extraction Date: 06/17/21 09:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.474	0.022	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.474	0.044	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.237	0.037	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.474	0.050	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.237	0.043	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.237	0.057	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.237	0.040	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.474	0.170	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.474	0.129	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.237	0.071	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.237	0.123	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.237	0.064	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.474	0.272	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.474	0.191	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.474	0.044	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.474	0.145	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.474	0.093	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.474	0.080	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.474	0.066	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.474	0.194	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.474	0.051	1
PFOA/PFOS, Total	ND		ng/g	0.237	0.040	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-06 Date Collected: 06/15/21 13:25

Client ID: SRI-8 (29.5-30) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	105		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	124		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	113		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	106		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	92		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	106		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	104		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	98		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	133		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	115		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	105		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	135		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	80		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	137		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	69		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	73		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	105		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	101		24-159

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-07
Client ID: DUP-1
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 00:00
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/25/21 09:13
Analyst: JG
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/24/21 20:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	19.	1
1,2,4-Trichlorobenzene	ND		ug/kg	180	21.	1
Hexachlorobenzene	ND		ug/kg	110	20.	1
Bis(2-chloroethyl)ether	ND		ug/kg	160	24.	1
2-Chloronaphthalene	ND		ug/kg	180	18.	1
1,2-Dichlorobenzene	ND		ug/kg	180	32.	1
1,3-Dichlorobenzene	ND		ug/kg	180	31.	1
1,4-Dichlorobenzene	ND		ug/kg	180	32.	1
3,3'-Dichlorobenzidine	ND		ug/kg	180	48.	1
2,4-Dinitrotoluene	ND		ug/kg	180	36.	1
2,6-Dinitrotoluene	ND		ug/kg	180	31.	1
Fluoranthene	ND		ug/kg	110	21.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	180	19.	1
4-Bromophenyl phenyl ether	ND		ug/kg	180	28.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	31.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	190	18.	1
Hexachlorobutadiene	ND		ug/kg	180	26.	1
Hexachlorocyclopentadiene	ND		ug/kg	520	160	1
Hexachloroethane	ND		ug/kg	140	29.	1
Isophorone	ND		ug/kg	160	23.	1
Naphthalene	ND		ug/kg	180	22.	1
Nitrobenzene	ND		ug/kg	160	27.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	180	28.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	180	62.	1
Butyl benzyl phthalate	ND		ug/kg	180	45.	1
Di-n-butylphthalate	ND		ug/kg	180	34.	1
Di-n-octylphthalate	ND		ug/kg	180	61.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-07 Date Collected: 06/15/21 00:00

Client ID: DUP-1 Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	180	17.	1
Dimethyl phthalate	ND		ug/kg	180	38.	1
Benzo(a)anthracene	ND		ug/kg	110	20.	1
Benzo(a)pyrene	ND		ug/kg	140	44.	1
Benzo(b)fluoranthene	ND		ug/kg	110	30.	1
Benzo(k)fluoranthene	ND		ug/kg	110	29.	1
Chrysene	ND		ug/kg	110	19.	1
Acenaphthylene	ND		ug/kg	140	28.	1
Anthracene	ND		ug/kg	110	35.	1
Benzo(ghi)perylene	ND		ug/kg	140	21.	1
Fluorene	ND		ug/kg	180	18.	1
Phenanthrene	ND		ug/kg	110	22.	1
Dibenzo(a,h)anthracene	ND		ug/kg	110	21.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	25.	1
Pyrene	ND		ug/kg	110	18.	1
Biphenyl	ND		ug/kg	410	42.	1
4-Chloroaniline	ND		ug/kg	180	33.	1
2-Nitroaniline	ND		ug/kg	180	35.	1
3-Nitroaniline	ND		ug/kg	180	34.	1
4-Nitroaniline	ND		ug/kg	180	75.	1
Dibenzofuran	ND		ug/kg	180	17.	1
2-Methylnaphthalene	ND		ug/kg	220	22.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	180	19.	1
Acetophenone	ND		ug/kg	180	22.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	34.	1
p-Chloro-m-cresol	ND		ug/kg	180	27.	1
2-Chlorophenol	ND		ug/kg	180	21.	1
2,4-Dichlorophenol	ND		ug/kg	160	29.	1
2,4-Dimethylphenol	ND		ug/kg	180	60.	1
2-Nitrophenol	ND		ug/kg	390	68.	1
4-Nitrophenol	ND		ug/kg	250	74.	1
2,4-Dinitrophenol	ND		ug/kg	870	84.	1
4,6-Dinitro-o-cresol	ND		ug/kg	470	87.	1
Pentachlorophenol	ND		ug/kg	140	40.	1
Phenol	ND		ug/kg	180	27.	1
2-Methylphenol	ND		ug/kg	180	28.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	260	28.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-07 Date Collected: 06/15/21 00:00

Client ID: DUP-1 Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	180	34.	1
Benzoic Acid	ND		ug/kg	580	180	1
Benzyl Alcohol	ND		ug/kg	180	55.	1
Carbazole	ND		ug/kg	180	18.	1
1,4-Dioxane	ND		ug/kg	27	8.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	61		25-120
Phenol-d6	61		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	59		30-120
2,4,6-Tribromophenol	62		10-136
4-Terphenyl-d14	59		18-120

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-07
Client ID: DUP-1
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 00:00
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/18/21 19:28
Analyst: MP
Percent Solids: 90%

Extraction Method: ALPHA 23528
Extraction Date: 06/17/21 09:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.490	0.022	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.490	0.045	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.245	0.038	1
Perfluorohexanoic Acid (PFHxA)	0.053	J	ng/g	0.490	0.051	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.245	0.044	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.245	0.059	1
Perfluorooctanoic Acid (PFOA)	0.085	J	ng/g	0.245	0.041	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.490	0.176	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.490	0.134	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.245	0.074	1
Perfluorooctanesulfonic Acid (PFOS)	0.303		ng/g	0.245	0.127	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.245	0.066	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.490	0.281	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.490	0.197	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.490	0.046	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.490	0.150	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.490	0.096	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.490	0.083	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.490	0.069	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.490	0.200	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.490	0.053	1
PFOA/PFOS, Total	0.388	J	ng/g	0.245	0.041	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-07 Date Collected: 06/15/21 00:00

Client ID: DUP-1 Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	109		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	130		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	117		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	110		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	93		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	109		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	106		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	101		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	138		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	119		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	111		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	139		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	75		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	117		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	25		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	60		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	109		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	103		24-159

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-08
Client ID: DUP-2
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 00:00
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270D
Analytical Date: 06/25/21 09:41
Analyst: JG
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 06/24/21 20:44

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	30.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	68	J	ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	210	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	160	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	20.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-08 Date Collected: 06/15/21 00:00

Client ID: DUP-2 Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	36	J	ug/kg	100	19.	1
Benzo(a)pyrene	ND		ug/kg	140	42.	1
Benzo(b)fluoranthene	32	J	ug/kg	100	29.	1
Benzo(k)fluoranthene	ND		ug/kg	100	28.	1
Chrysene	33	J	ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	ND		ug/kg	100	34.	1
Benzo(ghi)perylene	ND		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	46	J	ug/kg	100	21.	1
Dibenzo(a,h)anthracene	ND		ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	ND		ug/kg	140	24.	1
Pyrene	59	J	ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	40.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	210	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	26.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	57.	1
2-Nitrophenol	ND		ug/kg	370	65.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	450	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	27.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-08 Date Collected: 06/15/21 00:00

Client ID: DUP-2 Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	560	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	ND		ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	81		10-120
Nitrobenzene-d5	77		23-120
2-Fluorobiphenyl	76		30-120
2,4,6-Tribromophenol	81		10-136
4-Terphenyl-d14	71		18-120

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-08
Client ID: DUP-2
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 00:00
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/18/21 19:44
Analyst: MP
Percent Solids: 96%

Extraction Method: ALPHA 23528
Extraction Date: 06/17/21 09:50

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.479	0.022	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.479	0.044	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.239	0.037	1
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.479	0.050	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.239	0.043	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.239	0.058	1
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.239	0.040	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.479	0.172	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.479	0.131	1
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.239	0.072	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.239	0.124	1
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.239	0.064	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.479	0.275	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.479	0.193	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.479	0.045	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.479	0.146	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.479	0.094	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.479	0.081	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.479	0.067	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.479	0.196	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.479	0.052	1
PFOA/PFOS, Total	ND		ng/g	0.239	0.040	1

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-08 Date Collected: 06/15/21 00:00

Client ID: DUP-2 Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	107		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	129		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	116		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	107		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	93		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	105		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	103		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	99		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	137		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	117		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	109		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	132		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	83		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	121		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	79		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	62		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	117		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	109		24-159

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/20/21 11:18
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 06/17/21 09:50

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-08 Batch: WG1513260-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	91		10-117

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/21/21 04:37
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 06/17/21 09:50

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-08 Batch: WG1513260-1 R					
Perfluorobutanoic Acid (PFBA)	ND		ng/g	0.500	0.023
Perfluoropentanoic Acid (PFPeA)	ND		ng/g	0.500	0.046
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/g	0.250	0.039
Perfluorohexanoic Acid (PFHxA)	ND		ng/g	0.500	0.053
Perfluoroheptanoic Acid (PFHpA)	ND		ng/g	0.250	0.045
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/g	0.250	0.061
Perfluorooctanoic Acid (PFOA)	ND		ng/g	0.250	0.042
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/g	0.500	0.180
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/g	0.500	0.136
Perfluorononanoic Acid (PFNA)	ND		ng/g	0.250	0.075
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/g	0.250	0.130
Perfluorodecanoic Acid (PFDA)	ND		ng/g	0.250	0.067
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/g	0.500	0.287
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/g	0.500	0.202
Perfluoroundecanoic Acid (PFUnA)	ND		ng/g	0.500	0.047
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/g	0.500	0.153
Perfluorooctanesulfonamide (FOSA)	ND		ng/g	0.500	0.098
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/g	0.500	0.085
Perfluorododecanoic Acid (PFDoA)	ND		ng/g	0.500	0.070
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/g	0.500	0.204
Perfluorotetradecanoic Acid (PFTA)	ND		ng/g	0.500	0.054
PFOA/PFOS, Total	ND		ng/g	0.250	0.042

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/21/21 04:37
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 06/17/21 09:50

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-08 Batch: WG1513260-1 R					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	106		61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	132		58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	102		74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	106		66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	125		71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	92		78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	97		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	61		20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	80		72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	107		79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	100		75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	62		19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	67		31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	100		61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	18		10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	68		34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	80		54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	63		24-159

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/25/21 08:51
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/24/21 20:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1516755-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	19.
Hexachlorobenzene	ND		ug/kg	99	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	30.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	29.
3,3'-Dichlorobenzidine	ND		ug/kg	160	44.
2,4-Dinitrotoluene	ND		ug/kg	160	33.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	99	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	18.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	470	150
Hexachloroethane	ND		ug/kg	130	27.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	19.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	26.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	57.
Butyl benzyl phthalate	ND		ug/kg	160	42.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	56.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/25/21 08:51
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/24/21 20:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1516755-1					
Dimethyl phthalate	ND		ug/kg	160	35.
Benzo(a)anthracene	ND		ug/kg	99	19.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	99	28.
Benzo(k)fluoranthene	ND		ug/kg	99	26.
Chrysene	ND		ug/kg	99	17.
Acenaphthylene	ND		ug/kg	130	26.
Anthracene	ND		ug/kg	99	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	99	20.
Dibenzo(a,h)anthracene	ND		ug/kg	99	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	99	16.
Biphenyl	ND		ug/kg	380	38.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	32.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	68.
Dibenzofuran	ND		ug/kg	160	16.
2-Methylnaphthalene	ND		ug/kg	200	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	99	31.
p-Chloro-m-cresol	ND		ug/kg	160	25.
2-Chlorophenol	ND		ug/kg	160	20.
2,4-Dichlorophenol	ND		ug/kg	150	27.
2,4-Dimethylphenol	ND		ug/kg	160	55.
2-Nitrophenol	ND		ug/kg	360	62.

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/25/21 08:51
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 06/24/21 20:44

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-08 Batch: WG1516755-1					
4-Nitrophenol	ND		ug/kg	230	68.
2,4-Dinitrophenol	ND		ug/kg	790	77.
4,6-Dinitro-o-cresol	ND		ug/kg	430	79.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	25.
2-Methylphenol	ND		ug/kg	160	26.
3-Methylphenol/4-Methylphenol	ND		ug/kg	240	26.
2,4,5-Trichlorophenol	ND		ug/kg	160	32.
Benzoic Acid	ND		ug/kg	540	170
Benzyl Alcohol	ND		ug/kg	160	51.
Carbazole	ND		ug/kg	160	16.
1,4-Dioxane	ND		ug/kg	25	7.6

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	77		25-120
Phenol-d6	89		10-120
Nitrobenzene-d5	89		23-120
2-Fluorobiphenyl	71		30-120
2,4,6-Tribromophenol	82		10-136
4-Terphenyl-d14	78		18-120

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132476

Report Date: 07/06/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab	Associated sample(s): 01-08		Batch: WG1513260-2					
Perfluorooctanesulfonamide (FOSA)	92		-		67-137	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	103				10-117

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 Batch: WG1513260-2								
Perfluorobutanoic Acid (PFBA)	103		-		71-135	-		30
Perfluoropentanoic Acid (PFPeA)	107		-		69-132	-		30
Perfluorobutanesulfonic Acid (PFBS)	103		-		72-128	-		30
Perfluorohexanoic Acid (PFHxA)	104		-		70-132	-		30
Perfluoroheptanoic Acid (PFHpA)	103		-		71-131	-		30
Perfluorohexanesulfonic Acid (PFHxS)	105		-		67-130	-		30
Perfluorooctanoic Acid (PFOA)	117		-		69-133	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	126		-		64-140	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	98		-		70-132	-		30
Perfluorononanoic Acid (PFNA)	117		-		72-129	-		30
Perfluorooctanesulfonic Acid (PFOS)	104		-		68-136	-		30
Perfluorodecanoic Acid (PFDA)	115		-		69-133	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	124		-		65-137	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	118		-		63-144	-		30
Perfluoroundecanoic Acid (PFUnA)	111		-		64-136	-		30
Perfluorodecanesulfonic Acid (PFDS)	100		-		59-134	-		30
Perfluorooctanesulfonamide (FOSA)	99		-		67-137	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	109		-		61-139	-		30
Perfluorododecanoic Acid (PFDoA)	104		-		69-135	-		30
Perfluorotridecanoic Acid (PFTrDA)	109		-		66-139	-		30
Perfluorotetradecanoic Acid (PFTA)	114		-		69-133	-		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132476

Report Date: 07/06/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 Batch: WG1513260-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	108				61-135
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	134				58-150
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	104				74-139
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	105				66-128
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	122				71-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	95				78-139
Perfluoro[13C8]Octanoic Acid (M8PFOA)	99				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	64				20-154
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	87				72-140
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	110				79-136
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	100				75-130
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	78				19-175
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	73				31-134
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	102				61-155
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	36				10-117
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	69				34-137
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	86				54-150
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	63				24-159

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132476

Report Date: 07/06/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1516755-2 WG1516755-3								
Acenaphthene	63		61		31-137	3		50
1,2,4-Trichlorobenzene	54		52		38-107	4		50
Hexachlorobenzene	58		55		40-140	5		50
Bis(2-chloroethyl)ether	66		63		40-140	5		50
2-Chloronaphthalene	59		57		40-140	3		50
1,2-Dichlorobenzene	58		55		40-140	5		50
1,3-Dichlorobenzene	58		54		40-140	7		50
1,4-Dichlorobenzene	58		55		28-104	5		50
3,3'-Dichlorobenzidine	60		58		40-140	3		50
2,4-Dinitrotoluene	73		69		40-132	6		50
2,6-Dinitrotoluene	64		63		40-140	2		50
Fluoranthene	66		62		40-140	6		50
4-Chlorophenyl phenyl ether	59		53		40-140	11		50
4-Bromophenyl phenyl ether	60		57		40-140	5		50
Bis(2-chloroisopropyl)ether	54		51		40-140	6		50
Bis(2-chloroethoxy)methane	63		60		40-117	5		50
Hexachlorobutadiene	48		49		40-140	2		50
Hexachlorocyclopentadiene	47		46		40-140	2		50
Hexachloroethane	60		58		40-140	3		50
Isophorone	68		63		40-140	8		50
Naphthalene	60		58		40-140	3		50
Nitrobenzene	72		68		40-140	6		50
NDPA/DPA	64		61		36-157	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1516755-2 WG1516755-3								
n-Nitrosodi-n-propylamine	74		69		32-121	7		50
Bis(2-ethylhexyl)phthalate	66		63		40-140	5		50
Butyl benzyl phthalate	69		65		40-140	6		50
Di-n-butylphthalate	67		63		40-140	6		50
Di-n-octylphthalate	63		60		40-140	5		50
Diethyl phthalate	63		59		40-140	7		50
Dimethyl phthalate	58		55		40-140	5		50
Benzo(a)anthracene	61		59		40-140	3		50
Benzo(a)pyrene	71		68		40-140	4		50
Benzo(b)fluoranthene	70		66		40-140	6		50
Benzo(k)fluoranthene	65		62		40-140	5		50
Chrysene	61		58		40-140	5		50
Acenaphthylene	60		57		40-140	5		50
Anthracene	64		62		40-140	3		50
Benzo(ghi)perylene	66		63		40-140	5		50
Fluorene	63		61		40-140	3		50
Phenanthrene	62		59		40-140	5		50
Dibenzo(a,h)anthracene	66		62		40-140	6		50
Indeno(1,2,3-cd)pyrene	68		64		40-140	6		50
Pyrene	64		61		35-142	5		50
Biphenyl	50		48		37-127	4		50
4-Chloroaniline	79		76		40-140	4		50
2-Nitroaniline	66		63		47-134	5		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1516755-2 WG1516755-3								
3-Nitroaniline	64		59		26-129	8		50
4-Nitroaniline	68		65		41-125	5		50
Dibenzofuran	60		57		40-140	5		50
2-Methylnaphthalene	61		58		40-140	5		50
1,2,4,5-Tetrachlorobenzene	47		46		40-117	2		50
Acetophenone	65		62		14-144	5		50
2,4,6-Trichlorophenol	59		57		30-130	3		50
p-Chloro-m-cresol	74		71		26-103	4		50
2-Chlorophenol	66		62		25-102	6		50
2,4-Dichlorophenol	61		56		30-130	9		50
2,4-Dimethylphenol	71		66		30-130	7		50
2-Nitrophenol	68		64		30-130	6		50
4-Nitrophenol	96		92		11-114	4		50
2,4-Dinitrophenol	58		57		4-130	2		50
4,6-Dinitro-o-cresol	69		67		10-130	3		50
Pentachlorophenol	60		57		17-109	5		50
Phenol	73		69		26-90	6		50
2-Methylphenol	70		64		30-130.	9		50
3-Methylphenol/4-Methylphenol	75		68		30-130	10		50
2,4,5-Trichlorophenol	61		57		30-130	7		50
Benzoic Acid	31		33		10-110	6		50
Benzyl Alcohol	79		73		40-140	8		50
Carbazole	67		63		54-128	6		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-08 Batch: WG1516755-2 WG1516755-3								
1,4-Dioxane	51		46		40-140	10		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	68		65		25-120
Phenol-d6	77		72		10-120
Nitrobenzene-d5	79		75		23-120
2-Fluorobiphenyl	61		58		30-120
2,4,6-Tribromophenol	69		67		10-136
4-Terphenyl-d14	65		60		18-120

Matrix Spike Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132476

Report Date: 07/06/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1513260-3 WG1513260-4 QC Sample: L2131756-01 Client ID: MS Sample												
Perfluorooctanesulfonic Acid (PFOS)	345	18.4	347	**11**	Q	413	**375**	Q	68-136	17		30

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	95		89		79-136

PCBS

Project Name: 205 PARK AVENUE
Lab Number: L2132476
Project Number: 12.0076834.10
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-01
Client ID: SRI-2 (0-0.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 09:20
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/25/21 11:32
Analyst: JAW
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/24/21 20:16
Cleanup Method: EPA 3665A
Cleanup Date: 06/25/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.2	3.22	1	A
Aroclor 1221	ND		ug/kg	36.2	3.63	1	A
Aroclor 1232	ND		ug/kg	36.2	7.69	1	A
Aroclor 1242	ND		ug/kg	36.2	4.89	1	A
Aroclor 1248	ND		ug/kg	36.2	5.44	1	A
Aroclor 1254	ND		ug/kg	36.2	3.97	1	A
Aroclor 1260	ND		ug/kg	36.2	6.70	1	A
Aroclor 1262	ND		ug/kg	36.2	4.60	1	A
Aroclor 1268	ND		ug/kg	36.2	3.76	1	A
PCBs, Total	ND		ug/kg	36.2	3.22	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: 205 PARK AVENUE
Lab Number: L2132476
Project Number: 12.0076834.10
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-02
Client ID: SRI-2 (30-30.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 09:30
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/25/21 11:45
Analyst: JAW
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/24/21 20:16
Cleanup Method: EPA 3665A
Cleanup Date: 06/25/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.7	3.08	1	A
Aroclor 1221	ND		ug/kg	34.7	3.48	1	A
Aroclor 1232	ND		ug/kg	34.7	7.36	1	A
Aroclor 1242	ND		ug/kg	34.7	4.68	1	A
Aroclor 1248	ND		ug/kg	34.7	5.20	1	A
Aroclor 1254	ND		ug/kg	34.7	3.80	1	A
Aroclor 1260	ND		ug/kg	34.7	6.41	1	A
Aroclor 1262	ND		ug/kg	34.7	4.41	1	A
Aroclor 1268	ND		ug/kg	34.7	3.60	1	A
PCBs, Total	ND		ug/kg	34.7	3.08	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	59		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		30-150	B
Decachlorobiphenyl	56		30-150	B

Project Name: 205 PARK AVENUE
Lab Number: L2132476
Project Number: 12.0076834.10
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-03
Client ID: SRI-1 (3-3.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 11:15
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/25/21 11:57
Analyst: JAW
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 06/24/21 20:16
Cleanup Method: EPA 3665A
Cleanup Date: 06/25/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.1	2.94	1	A
Aroclor 1221	ND		ug/kg	33.1	3.31	1	A
Aroclor 1232	ND		ug/kg	33.1	7.01	1	A
Aroclor 1242	ND		ug/kg	33.1	4.46	1	A
Aroclor 1248	ND		ug/kg	33.1	4.96	1	A
Aroclor 1254	ND		ug/kg	33.1	3.62	1	A
Aroclor 1260	ND		ug/kg	33.1	6.11	1	A
Aroclor 1262	ND		ug/kg	33.1	4.20	1	A
Aroclor 1268	ND		ug/kg	33.1	3.43	1	A
PCBs, Total	ND		ug/kg	33.1	2.94	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		30-150	A
Decachlorobiphenyl	73		30-150	A
2,4,5,6-Tetrachloro-m-xylene	67		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: 205 PARK AVENUE
Lab Number: L2132476
Project Number: 12.0076834.10
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-04
Client ID: SRI-1 (25-25.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 11:20
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/25/21 12:10
Analyst: JAW
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/24/21 20:16
Cleanup Method: EPA 3665A
Cleanup Date: 06/25/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.8	3.09	1	A
Aroclor 1221	ND		ug/kg	34.8	3.49	1	A
Aroclor 1232	ND		ug/kg	34.8	7.38	1	A
Aroclor 1242	ND		ug/kg	34.8	4.69	1	A
Aroclor 1248	ND		ug/kg	34.8	5.22	1	A
Aroclor 1254	ND		ug/kg	34.8	3.81	1	A
Aroclor 1260	ND		ug/kg	34.8	6.43	1	A
Aroclor 1262	ND		ug/kg	34.8	4.42	1	A
Aroclor 1268	ND		ug/kg	34.8	3.61	1	A
PCBs, Total	ND		ug/kg	34.8	3.09	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	63		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: 205 PARK AVENUE
Lab Number: L2132476
Project Number: 12.0076834.10
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-05
Client ID: SRI-8 (3.5-4)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 13:15
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/25/21 12:23
Analyst: JAW
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/24/21 20:16
Cleanup Method: EPA 3665A
Cleanup Date: 06/25/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	34.5	3.06	1	A
Aroclor 1221	ND		ug/kg	34.5	3.45	1	A
Aroclor 1232	ND		ug/kg	34.5	7.31	1	A
Aroclor 1242	ND		ug/kg	34.5	4.65	1	A
Aroclor 1248	ND		ug/kg	34.5	5.17	1	A
Aroclor 1254	ND		ug/kg	34.5	3.77	1	A
Aroclor 1260	ND		ug/kg	34.5	6.37	1	A
Aroclor 1262	ND		ug/kg	34.5	4.38	1	A
Aroclor 1268	ND		ug/kg	34.5	3.57	1	A
PCBs, Total	ND		ug/kg	34.5	3.06	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	46		30-150	A
2,4,5,6-Tetrachloro-m-xylene	51		30-150	B
Decachlorobiphenyl	42		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-06
Client ID: SRI-8 (29.5-30)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 13:25
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/25/21 12:36
Analyst: JAW
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 06/24/21 20:16
Cleanup Method: EPA 3665A
Cleanup Date: 06/25/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	33.5	2.98	1	A
Aroclor 1221	ND		ug/kg	33.5	3.36	1	A
Aroclor 1232	ND		ug/kg	33.5	7.10	1	A
Aroclor 1242	ND		ug/kg	33.5	4.52	1	A
Aroclor 1248	ND		ug/kg	33.5	5.02	1	A
Aroclor 1254	ND		ug/kg	33.5	3.66	1	A
Aroclor 1260	ND		ug/kg	33.5	6.19	1	A
Aroclor 1262	ND		ug/kg	33.5	4.26	1	A
Aroclor 1268	ND		ug/kg	33.5	3.47	1	A
PCBs, Total	ND		ug/kg	33.5	2.98	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	57		30-150	A
Decachlorobiphenyl	56		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	53		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-07
Client ID: DUP-1
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 00:00
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/25/21 12:49
Analyst: JAW
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/24/21 20:16
Cleanup Method: EPA 3665A
Cleanup Date: 06/25/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	36.4	3.24	1	A
Aroclor 1221	ND		ug/kg	36.4	3.65	1	A
Aroclor 1232	ND		ug/kg	36.4	7.73	1	A
Aroclor 1242	ND		ug/kg	36.4	4.91	1	A
Aroclor 1248	ND		ug/kg	36.4	5.47	1	A
Aroclor 1254	ND		ug/kg	36.4	3.99	1	A
Aroclor 1260	ND		ug/kg	36.4	6.74	1	A
Aroclor 1262	ND		ug/kg	36.4	4.63	1	A
Aroclor 1268	ND		ug/kg	36.4	3.78	1	A
PCBs, Total	ND		ug/kg	36.4	3.24	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	68		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	61		30-150	B

Project Name: 205 PARK AVENUE
Lab Number: L2132476
Project Number: 12.0076834.10
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-08
Client ID: DUP-2
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 00:00
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8082A
Analytical Date: 06/25/21 13:01
Analyst: JAW
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 06/24/21 20:16
Cleanup Method: EPA 3665A
Cleanup Date: 06/25/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/kg	32.8	2.91	1	A
Aroclor 1221	ND		ug/kg	32.8	3.29	1	A
Aroclor 1232	ND		ug/kg	32.8	6.96	1	A
Aroclor 1242	ND		ug/kg	32.8	4.42	1	A
Aroclor 1248	ND		ug/kg	32.8	4.92	1	A
Aroclor 1254	ND		ug/kg	32.8	3.59	1	A
Aroclor 1260	ND		ug/kg	32.8	6.06	1	A
Aroclor 1262	ND		ug/kg	32.8	4.17	1	A
Aroclor 1268	ND		ug/kg	32.8	3.40	1	A
PCBs, Total	ND		ug/kg	32.8	2.91	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	65		30-150	A
2,4,5,6-Tetrachloro-m-xylene	69		30-150	B
Decachlorobiphenyl	60		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/25/21 10:41
Analyst: JM

Extraction Method: EPA 3546
Extraction Date: 06/24/21 20:16
Cleanup Method: EPA 3665A
Cleanup Date: 06/25/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-08 Batch: WG1516751-1						
Aroclor 1016	ND		ug/kg	32.3	2.87	A
Aroclor 1221	ND		ug/kg	32.3	3.24	A
Aroclor 1232	ND		ug/kg	32.3	6.85	A
Aroclor 1242	ND		ug/kg	32.3	4.36	A
Aroclor 1248	ND		ug/kg	32.3	4.85	A
Aroclor 1254	ND		ug/kg	32.3	3.54	A
Aroclor 1260	ND		ug/kg	32.3	5.97	A
Aroclor 1262	ND		ug/kg	32.3	4.10	A
Aroclor 1268	ND		ug/kg	32.3	3.35	A
PCBs, Total	ND		ug/kg	32.3	2.87	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	69		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-08 Batch: WG1516751-2 WG1516751-3									
Aroclor 1016	68		70		40-140	3		50	A
Aroclor 1260	75		79		40-140	5		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	69		68		30-150	A
Decachlorobiphenyl	78		80		30-150	A
2,4,5,6-Tetrachloro-m-xylene	73		69		30-150	B
Decachlorobiphenyl	71		70		30-150	B

PESTICIDES

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-01
Client ID: SRI-2 (0-0.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 09:20
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/21 15:50
Analyst: AR
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/24/21 18:58
Cleanup Method: EPA 3620B
Cleanup Date: 06/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.74	0.341	1	A
Lindane	ND		ug/kg	0.725	0.324	1	A
Alpha-BHC	ND		ug/kg	0.725	0.206	1	A
Beta-BHC	ND		ug/kg	1.74	0.660	1	A
Heptachlor	ND		ug/kg	0.870	0.390	1	A
Aldrin	ND		ug/kg	1.74	0.613	1	A
Heptachlor epoxide	ND		ug/kg	3.26	0.979	1	A
Endrin	ND		ug/kg	0.725	0.297	1	A
Endrin aldehyde	ND		ug/kg	2.18	0.761	1	A
Endrin ketone	ND		ug/kg	1.74	0.448	1	A
Dieldrin	ND		ug/kg	1.09	0.544	1	A
4,4'-DDE	ND		ug/kg	1.74	0.402	1	A
4,4'-DDD	ND		ug/kg	1.74	0.621	1	A
4,4'-DDT	ND		ug/kg	3.26	1.40	1	B
Endosulfan I	ND		ug/kg	1.74	0.411	1	A
Endosulfan II	ND		ug/kg	1.74	0.582	1	A
Endosulfan sulfate	ND		ug/kg	0.725	0.345	1	A
Methoxychlor	ND		ug/kg	3.26	1.02	1	A
Toxaphene	ND		ug/kg	32.6	9.14	1	A
cis-Chlordane	ND		ug/kg	2.18	0.606	1	A
trans-Chlordane	ND		ug/kg	2.18	0.574	1	A
Chlordane	ND		ug/kg	14.5	5.76	1	A

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-01 Date Collected: 06/15/21 09:20

Client ID: SRI-2 (0-0.5) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	84		30-150	B
Decachlorobiphenyl	69		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-02
Client ID: SRI-2 (30-30.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 09:30
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/21 16:00
Analyst: AR
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/24/21 18:58
Cleanup Method: EPA 3620B
Cleanup Date: 06/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.64	0.322	1	A
Lindane	ND		ug/kg	0.685	0.306	1	A
Alpha-BHC	ND		ug/kg	0.685	0.194	1	A
Beta-BHC	ND		ug/kg	1.64	0.623	1	A
Heptachlor	ND		ug/kg	0.822	0.368	1	A
Aldrin	ND		ug/kg	1.64	0.579	1	A
Heptachlor epoxide	ND		ug/kg	3.08	0.924	1	A
Endrin	ND		ug/kg	0.685	0.281	1	A
Endrin aldehyde	ND		ug/kg	2.05	0.719	1	A
Endrin ketone	ND		ug/kg	1.64	0.423	1	A
Dieldrin	ND		ug/kg	1.03	0.514	1	A
4,4'-DDE	ND		ug/kg	1.64	0.380	1	A
4,4'-DDD	ND		ug/kg	1.64	0.586	1	A
4,4'-DDT	ND		ug/kg	3.08	1.32	1	B
Endosulfan I	ND		ug/kg	1.64	0.388	1	A
Endosulfan II	ND		ug/kg	1.64	0.549	1	A
Endosulfan sulfate	ND		ug/kg	0.685	0.326	1	A
Methoxychlor	ND		ug/kg	3.08	0.959	1	A
Toxaphene	ND		ug/kg	30.8	8.63	1	A
cis-Chlordane	ND		ug/kg	2.05	0.572	1	A
trans-Chlordane	ND		ug/kg	2.05	0.542	1	A
Chlordane	ND		ug/kg	13.7	5.44	1	A

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-02 Date Collected: 06/15/21 09:30

Client ID: SRI-2 (30-30.5) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	59		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-03
Client ID: SRI-1 (3-3.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 11:15
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/21 16:11
Analyst: AR
Percent Solids: 97%

Extraction Method: EPA 3546
Extraction Date: 06/24/21 18:58
Cleanup Method: EPA 3620B
Cleanup Date: 06/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.56	0.305	1	A
Lindane	ND		ug/kg	0.649	0.290	1	A
Alpha-BHC	ND		ug/kg	0.649	0.184	1	A
Beta-BHC	ND		ug/kg	1.56	0.590	1	A
Heptachlor	ND		ug/kg	0.778	0.349	1	A
Aldrin	ND		ug/kg	1.56	0.548	1	A
Heptachlor epoxide	ND		ug/kg	2.92	0.876	1	A
Endrin	ND		ug/kg	0.649	0.266	1	A
Endrin aldehyde	ND		ug/kg	1.95	0.681	1	A
Endrin ketone	ND		ug/kg	1.56	0.401	1	A
Dieldrin	ND		ug/kg	0.973	0.486	1	A
4,4'-DDE	ND		ug/kg	1.56	0.360	1	A
4,4'-DDD	ND		ug/kg	1.56	0.555	1	A
4,4'-DDT	ND		ug/kg	2.92	1.25	1	A
Endosulfan I	ND		ug/kg	1.56	0.368	1	A
Endosulfan II	ND		ug/kg	1.56	0.520	1	A
Endosulfan sulfate	ND		ug/kg	0.649	0.309	1	A
Methoxychlor	ND		ug/kg	2.92	0.908	1	A
Toxaphene	ND		ug/kg	29.2	8.17	1	A
cis-Chlordane	ND		ug/kg	1.95	0.542	1	A
trans-Chlordane	ND		ug/kg	1.95	0.514	1	A
Chlordane	ND		ug/kg	13.0	5.16	1	A

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-03 Date Collected: 06/15/21 11:15

Client ID: SRI-1 (3-3.5) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	99		30-150	A
Decachlorobiphenyl	75		30-150	A
2,4,5,6-Tetrachloro-m-xylene	91		30-150	B
Decachlorobiphenyl	70		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-04
Client ID: SRI-1 (25-25.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 11:20
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/21 16:21
Analyst: AR
Percent Solids: 93%

Extraction Method: EPA 3546
Extraction Date: 06/24/21 18:58
Cleanup Method: EPA 3620B
Cleanup Date: 06/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.66	0.326	1	A
Lindane	ND		ug/kg	0.693	0.310	1	A
Alpha-BHC	ND		ug/kg	0.693	0.197	1	A
Beta-BHC	ND		ug/kg	1.66	0.630	1	A
Heptachlor	ND		ug/kg	0.831	0.373	1	A
Aldrin	ND		ug/kg	1.66	0.585	1	A
Heptachlor epoxide	ND		ug/kg	3.12	0.935	1	A
Endrin	ND		ug/kg	0.693	0.284	1	A
Endrin aldehyde	ND		ug/kg	2.08	0.727	1	A
Endrin ketone	ND		ug/kg	1.66	0.428	1	A
Dieldrin	ND		ug/kg	1.04	0.520	1	A
4,4'-DDE	ND		ug/kg	1.66	0.384	1	A
4,4'-DDD	ND		ug/kg	1.66	0.593	1	A
4,4'-DDT	ND		ug/kg	3.12	1.34	1	A
Endosulfan I	ND		ug/kg	1.66	0.393	1	A
Endosulfan II	ND		ug/kg	1.66	0.556	1	A
Endosulfan sulfate	ND		ug/kg	0.693	0.330	1	A
Methoxychlor	ND		ug/kg	3.12	0.970	1	A
Toxaphene	ND		ug/kg	31.2	8.73	1	A
cis-Chlordane	ND		ug/kg	2.08	0.579	1	A
trans-Chlordane	ND		ug/kg	2.08	0.549	1	A
Chlordane	ND		ug/kg	13.8	5.51	1	A

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-04 Date Collected: 06/15/21 11:20

Client ID: SRI-1 (25-25.5) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	94		30-150	A
Decachlorobiphenyl	77		30-150	A
2,4,5,6-Tetrachloro-m-xylene	89		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-05
Client ID: SRI-8 (3.5-4)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 13:15
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/21 17:40
Analyst: AR
Percent Solids: 91%

Extraction Method: EPA 3546
Extraction Date: 06/24/21 18:58
Cleanup Method: EPA 3620B
Cleanup Date: 06/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.72	0.337	1	A
Lindane	ND		ug/kg	0.717	0.320	1	A
Alpha-BHC	ND		ug/kg	0.717	0.204	1	A
Beta-BHC	ND		ug/kg	1.72	0.652	1	A
Heptachlor	ND		ug/kg	0.860	0.386	1	A
Aldrin	ND		ug/kg	1.72	0.606	1	A
Heptachlor epoxide	ND		ug/kg	3.23	0.968	1	A
Endrin	ND		ug/kg	0.717	0.294	1	A
Endrin aldehyde	ND		ug/kg	2.15	0.753	1	A
Endrin ketone	ND		ug/kg	1.72	0.443	1	A
Dieldrin	ND		ug/kg	1.08	0.538	1	A
4,4'-DDE	ND		ug/kg	1.72	0.398	1	A
4,4'-DDD	ND		ug/kg	1.72	0.614	1	A
4,4'-DDT	ND		ug/kg	3.23	1.38	1	A
Endosulfan I	ND		ug/kg	1.72	0.406	1	A
Endosulfan II	ND		ug/kg	1.72	0.575	1	A
Endosulfan sulfate	ND		ug/kg	0.717	0.341	1	A
Methoxychlor	ND		ug/kg	3.23	1.00	1	A
Toxaphene	ND		ug/kg	32.3	9.03	1	A
cis-Chlordane	ND		ug/kg	2.15	0.599	1	A
trans-Chlordane	ND		ug/kg	2.15	0.568	1	A
Chlordane	ND		ug/kg	14.3	5.70	1	A

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-05 Date Collected: 06/15/21 13:15

Client ID: SRI-8 (3.5-4) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	95		30-150	A
Decachlorobiphenyl	94		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	**204**	Q	30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-06
Client ID: SRI-8 (29.5-30)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 13:25
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/21 17:51
Analyst: AR
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 06/24/21 18:58
Cleanup Method: EPA 3620B
Cleanup Date: 06/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.58	0.310	1	A
Lindane	ND		ug/kg	0.660	0.295	1	A
Alpha-BHC	ND		ug/kg	0.660	0.188	1	A
Beta-BHC	ND		ug/kg	1.58	0.601	1	A
Heptachlor	ND		ug/kg	0.792	0.355	1	A
Aldrin	ND		ug/kg	1.58	0.558	1	A
Heptachlor epoxide	ND		ug/kg	2.97	0.891	1	A
Endrin	ND		ug/kg	0.660	0.271	1	A
Endrin aldehyde	ND		ug/kg	1.98	0.693	1	A
Endrin ketone	ND		ug/kg	1.58	0.408	1	A
Dieldrin	ND		ug/kg	0.990	0.495	1	A
4,4'-DDE	ND		ug/kg	1.58	0.366	1	A
4,4'-DDD	ND		ug/kg	1.58	0.565	1	A
4,4'-DDT	ND		ug/kg	2.97	1.27	1	A
Endosulfan I	ND		ug/kg	1.58	0.374	1	A
Endosulfan II	ND		ug/kg	1.58	0.530	1	A
Endosulfan sulfate	ND		ug/kg	0.660	0.314	1	A
Methoxychlor	ND		ug/kg	2.97	0.924	1	A
Toxaphene	ND		ug/kg	29.7	8.32	1	A
cis-Chlordane	ND		ug/kg	1.98	0.552	1	A
trans-Chlordane	ND		ug/kg	1.98	0.523	1	A
Chlordane	ND		ug/kg	13.2	5.25	1	A

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-06 Date Collected: 06/15/21 13:25

Client ID: SRI-8 (29.5-30) Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	91		30-150	A
Decachlorobiphenyl	**151**	Q	30-150	A
2,4,5,6-Tetrachloro-m-xylene	90		30-150	B
Decachlorobiphenyl	81		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-07
Client ID: DUP-1
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 00:00
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/21 16:31
Analyst: AR
Percent Solids: 90%

Extraction Method: EPA 3546
Extraction Date: 06/24/21 18:58
Cleanup Method: EPA 3620B
Cleanup Date: 06/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.73	0.338	1	A
Lindane	ND		ug/kg	0.720	0.322	1	A
Alpha-BHC	ND		ug/kg	0.720	0.204	1	A
Beta-BHC	ND		ug/kg	1.73	0.655	1	A
Heptachlor	ND		ug/kg	0.864	0.387	1	A
Aldrin	ND		ug/kg	1.73	0.608	1	A
Heptachlor epoxide	ND		ug/kg	3.24	0.972	1	A
Endrin	ND		ug/kg	0.720	0.295	1	A
Endrin aldehyde	ND		ug/kg	2.16	0.756	1	A
Endrin ketone	ND		ug/kg	1.73	0.445	1	A
Dieldrin	ND		ug/kg	1.08	0.540	1	A
4,4'-DDE	ND		ug/kg	1.73	0.399	1	A
4,4'-DDD	ND		ug/kg	1.73	0.616	1	A
4,4'-DDT	ND		ug/kg	3.24	1.39	1	A
Endosulfan I	ND		ug/kg	1.73	0.408	1	A
Endosulfan II	ND		ug/kg	1.73	0.577	1	A
Endosulfan sulfate	ND		ug/kg	0.720	0.342	1	A
Methoxychlor	ND		ug/kg	3.24	1.01	1	A
Toxaphene	ND		ug/kg	32.4	9.07	1	A
cis-Chlordane	ND		ug/kg	2.16	0.602	1	A
trans-Chlordane	ND		ug/kg	2.16	0.570	1	A
Chlordane	ND		ug/kg	14.4	5.72	1	A

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-07 Date Collected: 06/15/21 00:00

Client ID: DUP-1 Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	83		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	79		30-150	B
Decachlorobiphenyl	64		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-08
Client ID: DUP-2
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 00:00
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8081B
Analytical Date: 06/25/21 18:01
Analyst: AR
Percent Solids: 96%

Extraction Method: EPA 3546
Extraction Date: 06/24/21 18:58
Cleanup Method: EPA 3620B
Cleanup Date: 06/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/kg	1.60	0.313	1	A
Lindane	ND		ug/kg	0.665	0.297	1	A
Alpha-BHC	ND		ug/kg	0.665	0.189	1	A
Beta-BHC	ND		ug/kg	1.60	0.605	1	A
Heptachlor	ND		ug/kg	0.798	0.358	1	A
Aldrin	ND		ug/kg	1.60	0.562	1	A
Heptachlor epoxide	ND		ug/kg	2.99	0.898	1	A
Endrin	ND		ug/kg	0.665	0.273	1	A
Endrin aldehyde	ND		ug/kg	2.00	0.698	1	A
Endrin ketone	ND		ug/kg	1.60	0.411	1	A
Dieldrin	ND		ug/kg	0.998	0.499	1	A
4,4'-DDE	ND		ug/kg	1.60	0.369	1	A
4,4'-DDD	ND		ug/kg	1.60	0.569	1	A
4,4'-DDT	ND		ug/kg	2.99	1.28	1	A
Endosulfan I	ND		ug/kg	1.60	0.377	1	A
Endosulfan II	ND		ug/kg	1.60	0.533	1	A
Endosulfan sulfate	ND		ug/kg	0.665	0.317	1	A
Methoxychlor	ND		ug/kg	2.99	0.931	1	A
Toxaphene	ND		ug/kg	29.9	8.38	1	A
cis-Chlordane	ND		ug/kg	2.00	0.556	1	A
trans-Chlordane	ND		ug/kg	2.00	0.527	1	A
Chlordane	ND		ug/kg	13.3	5.29	1	A

Project Name: 205 PARK AVENUE **Lab Number:** L2132476

Project Number: 12.0076834.10 **Report Date:** 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-08 Date Collected: 06/15/21 00:00

Client ID: DUP-2 Date Received: 06/16/21

Sample Location: 205 PARK AVENUE, BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	87		30-150	A
Decachlorobiphenyl	71		30-150	A
2,4,5,6-Tetrachloro-m-xylene	81		30-150	B
Decachlorobiphenyl	63		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/25/21 11:18
Analyst: SDC

Extraction Method: EPA 3546
Extraction Date: 06/24/21 18:58
Cleanup Method: EPA 3620B
Cleanup Date: 06/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-08 Batch: WG1516731-1						
Delta-BHC	ND		ug/kg	1.52	0.297	A
Lindane	ND		ug/kg	0.632	0.282	A
Alpha-BHC	ND		ug/kg	0.632	0.180	A
Beta-BHC	ND		ug/kg	1.52	0.575	A
Heptachlor	ND		ug/kg	0.758	0.340	A
Aldrin	ND		ug/kg	1.52	0.534	A
Heptachlor epoxide	ND		ug/kg	2.84	0.853	A
Endrin	ND		ug/kg	0.632	0.259	A
Endrin aldehyde	ND		ug/kg	1.90	0.664	A
Endrin ketone	ND		ug/kg	1.52	0.391	A
Dieldrin	ND		ug/kg	0.948	0.474	A
4,4'-DDE	ND		ug/kg	1.52	0.351	A
4,4'-DDD	ND		ug/kg	1.52	0.541	A
4,4'-DDT	ND		ug/kg	2.84	1.22	A
Endosulfan I	ND		ug/kg	1.52	0.358	A
Endosulfan II	ND		ug/kg	1.52	0.507	A
Endosulfan sulfate	ND		ug/kg	0.632	0.301	A
Methoxychlor	ND		ug/kg	2.84	0.885	A
Toxaphene	ND		ug/kg	28.4	7.96	A
cis-Chlordane	ND		ug/kg	1.90	0.528	A
trans-Chlordane	ND		ug/kg	1.90	0.501	A
Chlordane	ND		ug/kg	12.6	5.02	A

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/25/21 11:18
Analyst: SDC

Extraction Method: EPA 3546
Extraction Date: 06/24/21 18:58
Cleanup Method: EPA 3620B
Cleanup Date: 06/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-08 Batch: WG1516731-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	84		30-150	A
Decachlorobiphenyl	110		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		30-150	B
Decachlorobiphenyl	90		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-08 Batch: WG1516731-2 WG1516731-3									
Delta-BHC	104		109		30-150	5		30	A
Lindane	102		107		30-150	5		30	A
Alpha-BHC	104		106		30-150	2		30	A
Beta-BHC	88		92		30-150	4		30	A
Heptachlor	103		109		30-150	6		30	A
Aldrin	106		111		30-150	5		30	A
Heptachlor epoxide	98		100		30-150	2		30	A
Endrin	101		107		30-150	6		30	A
Endrin aldehyde	84		85		30-150	1		30	A
Endrin ketone	101		105		30-150	4		30	A
Dieldrin	108		113		30-150	5		30	A
4,4'-DDE	100		104		30-150	4		30	A
4,4'-DDD	109		113		30-150	4		30	A
4,4'-DDT	108		111		30-150	3		30	A
Endosulfan I	93		96		30-150	3		30	A
Endosulfan II	102		105		30-150	3		30	A
Endosulfan sulfate	84		87		30-150	4		30	A
Methoxychlor	116		124		30-150	7		30	A
cis-Chlordane	86		89		30-150	3		30	A
trans-Chlordane	104		114		30-150	9		30	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-08 Batch: WG1516731-2 WG1516731-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	81		78		30-150	A
Decachlorobiphenyl	102		108		30-150	A
2,4,5,6-Tetrachloro-m-xylene	83		81		30-150	B
Decachlorobiphenyl	85		89		30-150	B

METALS

Project Name: 205 PARK AVENUE
Lab Number: L2132476
Project Number: 12.0076834.10
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-01
Client ID: SRI-2 (0-0.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/15/21 09:20
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	6100		mg/kg	8.36	2.26	2	06/22/21 07:55	07/02/21 16:15	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	4.18	0.318	2	06/22/21 07:55	07/02/21 16:15	EPA 3050B	1,6010D	SV
Arsenic, Total	4.81		mg/kg	0.836	0.174	2	06/22/21 07:55	07/02/21 16:15	EPA 3050B	1,6010D	SV
Barium, Total	203		mg/kg	0.836	0.145	2	06/22/21 07:55	07/02/21 16:15	EPA 3050B	1,6010D	SV
Beryllium, Total	0.242	J	mg/kg	0.418	0.028	2	06/22/21 07:55	07/02/21 16:15	EPA 3050B	1,6010D	SV
Cadmium, Total	0.778	J	mg/kg	0.836	0.082	2	06/22/21 07:55	07/02/21 16:15	EPA 3050B	1,6010D	SV
Calcium, Total	6930		mg/kg	8.36	2.93	2	06/22/21 07:55	07/02/21 16:15	EPA 3050B	1,6010D	SV
Chromium, Total	17.2		mg/kg	0.836	0.080	2	06/22/21 07:55	07/02/21 16:15	EPA 3050B	1,6010D	SV
Cobalt, Total	5.91		mg/kg	1.67	0.139	2	06/22/21 07:55	07/02/21 16:15	EPA 3050B	1,6010D	SV
Copper, Total	32.2		mg/kg	0.836	0.216	2	06/22/21 07:55	07/02/21 16:15	EPA 3050B	1,6010D	SV
Iron, Total	14000		mg/kg	4.18	0.755	2	06/22/21 07:55	07/02/21 16:15	EPA 3050B	1,6010D	SV
Lead, Total	163		mg/kg	4.18	0.224	2	06/22/21 07:55	07/02/21 16:15	EPA 3050B	1,6010D	SV
Magnesium, Total	2410		mg/kg	8.36	1.29	2	06/22/21 07:55	07/02/21 16:15	EPA 3050B	1,6010D	SV
Manganese, Total	280		mg/kg	0.836	0.133	2	06/22/21 07:55	07/02/21 16:15	EPA 3050B	1,6010D	SV
Mercury, Total	0.253		mg/kg	0.071	0.046	1	06/22/21 10:45	06/24/21 20:54	EPA 7471B	1,7471B	OU
Nickel, Total	18.2		mg/kg	2.09	0.202	2	06/22/21 07:55	07/02/21 16:15	EPA 3050B	1,6010D	SV
Potassium, Total	809		mg/kg	209	12.0	2	06/22/21 07:55	07/02/21 16:15	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.67	0.216	2	06/22/21 07:55	07/02/21 16:15	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.836	0.237	2	06/22/21 07:55	07/02/21 16:15	EPA 3050B	1,6010D	SV
Sodium, Total	87.2	J	mg/kg	167	2.63	2	06/22/21 07:55	07/02/21 16:15	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.67	0.263	2	06/22/21 07:55	07/02/21 16:15	EPA 3050B	1,6010D	SV
Vanadium, Total	23.3		mg/kg	0.836	0.170	2	06/22/21 07:55	07/02/21 16:15	EPA 3050B	1,6010D	SV
Zinc, Total	169		mg/kg	4.18	0.245	2	06/22/21 07:55	07/02/21 16:15	EPA 3050B	1,6010D	SV

Project Name: 205 PARK AVENUE
Lab Number: L2132476
Project Number: 12.0076834.10
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-02
Client ID: SRI-2 (30-30.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/15/21 09:30
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	4770		mg/kg	8.46	2.28	2	06/22/21 07:55	07/02/21 16:20	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	4.23	0.321	2	06/22/21 07:55	07/02/21 16:20	EPA 3050B	1,6010D	SV
Arsenic, Total	2.30		mg/kg	0.846	0.176	2	06/22/21 07:55	07/02/21 16:20	EPA 3050B	1,6010D	SV
Barium, Total	49.9		mg/kg	0.846	0.147	2	06/22/21 07:55	07/02/21 16:20	EPA 3050B	1,6010D	SV
Beryllium, Total	0.270	J	mg/kg	0.423	0.028	2	06/22/21 07:55	07/02/21 16:20	EPA 3050B	1,6010D	SV
Cadmium, Total	0.533	J	mg/kg	0.846	0.083	2	06/22/21 07:55	07/02/21 16:20	EPA 3050B	1,6010D	SV
Calcium, Total	3110		mg/kg	8.46	2.96	2	06/22/21 07:55	07/02/21 16:20	EPA 3050B	1,6010D	SV
Chromium, Total	21.0		mg/kg	0.846	0.081	2	06/22/21 07:55	07/02/21 16:20	EPA 3050B	1,6010D	SV
Cobalt, Total	8.34		mg/kg	1.69	0.140	2	06/22/21 07:55	07/02/21 16:20	EPA 3050B	1,6010D	SV
Copper, Total	19.9		mg/kg	0.846	0.218	2	06/22/21 07:55	07/02/21 16:20	EPA 3050B	1,6010D	SV
Iron, Total	16800		mg/kg	4.23	0.764	2	06/22/21 07:55	07/02/21 16:20	EPA 3050B	1,6010D	SV
Lead, Total	8.68		mg/kg	4.23	0.227	2	06/22/21 07:55	07/02/21 16:20	EPA 3050B	1,6010D	SV
Magnesium, Total	2680		mg/kg	8.46	1.30	2	06/22/21 07:55	07/02/21 16:20	EPA 3050B	1,6010D	SV
Manganese, Total	420		mg/kg	0.846	0.134	2	06/22/21 07:55	07/02/21 16:20	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.068	0.044	1	06/22/21 10:45	06/24/21 20:57	EPA 7471B	1,7471B	OU
Nickel, Total	25.0		mg/kg	2.11	0.205	2	06/22/21 07:55	07/02/21 16:20	EPA 3050B	1,6010D	SV
Potassium, Total	1340		mg/kg	211	12.2	2	06/22/21 07:55	07/02/21 16:20	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.69	0.218	2	06/22/21 07:55	07/02/21 16:20	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.846	0.239	2	06/22/21 07:55	07/02/21 16:20	EPA 3050B	1,6010D	SV
Sodium, Total	179		mg/kg	169	2.66	2	06/22/21 07:55	07/02/21 16:20	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.69	0.266	2	06/22/21 07:55	07/02/21 16:20	EPA 3050B	1,6010D	SV
Vanadium, Total	25.4		mg/kg	0.846	0.172	2	06/22/21 07:55	07/02/21 16:20	EPA 3050B	1,6010D	SV
Zinc, Total	37.5		mg/kg	4.23	0.248	2	06/22/21 07:55	07/02/21 16:20	EPA 3050B	1,6010D	SV

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-03
Client ID: SRI-1 (3-3.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/15/21 11:15
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 97%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2710		mg/kg	7.89	2.13	2	06/22/21 07:55	07/02/21 16:24	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	3.94	0.300	2	06/22/21 07:55	07/02/21 16:24	EPA 3050B	1,6010D	SV
Arsenic, Total	3.10		mg/kg	0.789	0.164	2	06/22/21 07:55	07/02/21 16:24	EPA 3050B	1,6010D	SV
Barium, Total	17.8		mg/kg	0.789	0.137	2	06/22/21 07:55	07/02/21 16:24	EPA 3050B	1,6010D	SV
Beryllium, Total	0.126	J	mg/kg	0.394	0.026	2	06/22/21 07:55	07/02/21 16:24	EPA 3050B	1,6010D	SV
Cadmium, Total	0.221	J	mg/kg	0.789	0.077	2	06/22/21 07:55	07/02/21 16:24	EPA 3050B	1,6010D	SV
Calcium, Total	852		mg/kg	7.89	2.76	2	06/22/21 07:55	07/02/21 16:24	EPA 3050B	1,6010D	SV
Chromium, Total	7.30		mg/kg	0.789	0.076	2	06/22/21 07:55	07/02/21 16:24	EPA 3050B	1,6010D	SV
Cobalt, Total	4.03		mg/kg	1.58	0.131	2	06/22/21 07:55	07/02/21 16:24	EPA 3050B	1,6010D	SV
Copper, Total	8.78		mg/kg	0.789	0.204	2	06/22/21 07:55	07/02/21 16:24	EPA 3050B	1,6010D	SV
Iron, Total	7120		mg/kg	3.94	0.712	2	06/22/21 07:55	07/02/21 16:24	EPA 3050B	1,6010D	SV
Lead, Total	4.20		mg/kg	3.94	0.211	2	06/22/21 07:55	07/02/21 16:24	EPA 3050B	1,6010D	SV
Magnesium, Total	1640		mg/kg	7.89	1.21	2	06/22/21 07:55	07/02/21 16:24	EPA 3050B	1,6010D	SV
Manganese, Total	152		mg/kg	0.789	0.125	2	06/22/21 07:55	07/02/21 16:24	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.065	0.042	1	06/22/21 10:45	06/24/21 21:00	EPA 7471B	1,7471B	OU
Nickel, Total	13.0		mg/kg	1.97	0.191	2	06/22/21 07:55	07/02/21 16:24	EPA 3050B	1,6010D	SV
Potassium, Total	476		mg/kg	197	11.4	2	06/22/21 07:55	07/02/21 16:24	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.58	0.204	2	06/22/21 07:55	07/02/21 16:24	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.789	0.223	2	06/22/21 07:55	07/02/21 16:24	EPA 3050B	1,6010D	SV
Sodium, Total	72.4	J	mg/kg	158	2.48	2	06/22/21 07:55	07/02/21 16:24	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.58	0.248	2	06/22/21 07:55	07/02/21 16:24	EPA 3050B	1,6010D	SV
Vanadium, Total	11.8		mg/kg	0.789	0.160	2	06/22/21 07:55	07/02/21 16:24	EPA 3050B	1,6010D	SV
Zinc, Total	21.1		mg/kg	3.94	0.231	2	06/22/21 07:55	07/02/21 16:24	EPA 3050B	1,6010D	SV

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-04
Client ID: SRI-1 (25-25.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/15/21 11:20
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 93%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2540		mg/kg	8.36	2.26	2	06/22/21 07:55	07/02/21 16:28	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	4.18	0.318	2	06/22/21 07:55	07/02/21 16:28	EPA 3050B	1,6010D	SV
Arsenic, Total	1.11		mg/kg	0.836	0.174	2	06/22/21 07:55	07/02/21 16:28	EPA 3050B	1,6010D	SV
Barium, Total	21.1		mg/kg	0.836	0.146	2	06/22/21 07:55	07/02/21 16:28	EPA 3050B	1,6010D	SV
Beryllium, Total	0.159	J	mg/kg	0.418	0.028	2	06/22/21 07:55	07/02/21 16:28	EPA 3050B	1,6010D	SV
Cadmium, Total	0.226	J	mg/kg	0.836	0.082	2	06/22/21 07:55	07/02/21 16:28	EPA 3050B	1,6010D	SV
Calcium, Total	811		mg/kg	8.36	2.93	2	06/22/21 07:55	07/02/21 16:28	EPA 3050B	1,6010D	SV
Chromium, Total	5.66		mg/kg	0.836	0.080	2	06/22/21 07:55	07/02/21 16:28	EPA 3050B	1,6010D	SV
Cobalt, Total	3.17		mg/kg	1.67	0.139	2	06/22/21 07:55	07/02/21 16:28	EPA 3050B	1,6010D	SV
Copper, Total	7.76		mg/kg	0.836	0.216	2	06/22/21 07:55	07/02/21 16:28	EPA 3050B	1,6010D	SV
Iron, Total	6770		mg/kg	4.18	0.755	2	06/22/21 07:55	07/02/21 16:28	EPA 3050B	1,6010D	SV
Lead, Total	4.48		mg/kg	4.18	0.224	2	06/22/21 07:55	07/02/21 16:28	EPA 3050B	1,6010D	SV
Magnesium, Total	1710		mg/kg	8.36	1.29	2	06/22/21 07:55	07/02/21 16:28	EPA 3050B	1,6010D	SV
Manganese, Total	180		mg/kg	0.836	0.133	2	06/22/21 07:55	07/02/21 16:28	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.068	0.044	1	06/22/21 10:45	06/24/21 21:04	EPA 7471B	1,7471B	OU
Nickel, Total	7.06		mg/kg	2.09	0.202	2	06/22/21 07:55	07/02/21 16:28	EPA 3050B	1,6010D	SV
Potassium, Total	373		mg/kg	209	12.0	2	06/22/21 07:55	07/02/21 16:28	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.67	0.216	2	06/22/21 07:55	07/02/21 16:28	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.836	0.237	2	06/22/21 07:55	07/02/21 16:28	EPA 3050B	1,6010D	SV
Sodium, Total	72.6	J	mg/kg	167	2.63	2	06/22/21 07:55	07/02/21 16:28	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.67	0.263	2	06/22/21 07:55	07/02/21 16:28	EPA 3050B	1,6010D	SV
Vanadium, Total	9.06		mg/kg	0.836	0.170	2	06/22/21 07:55	07/02/21 16:28	EPA 3050B	1,6010D	SV
Zinc, Total	17.0		mg/kg	4.18	0.245	2	06/22/21 07:55	07/02/21 16:28	EPA 3050B	1,6010D	SV

Project Name: 205 PARK AVENUE
Lab Number: L2132476
Project Number: 12.0076834.10
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-05
Client ID: SRI-8 (3.5-4)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/15/21 13:15
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 91%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	5040		mg/kg	8.36	2.26	2	06/22/21 07:55	07/02/21 16:32	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	4.18	0.318	2	06/22/21 07:55	07/02/21 16:32	EPA 3050B	1,6010D	SV
Arsenic, Total	6.46		mg/kg	0.836	0.174	2	06/22/21 07:55	07/02/21 16:32	EPA 3050B	1,6010D	SV
Barium, Total	130		mg/kg	0.836	0.145	2	06/22/21 07:55	07/02/21 16:32	EPA 3050B	1,6010D	SV
Beryllium, Total	0.251	J	mg/kg	0.418	0.028	2	06/22/21 07:55	07/02/21 16:32	EPA 3050B	1,6010D	SV
Cadmium, Total	0.468	J	mg/kg	0.836	0.082	2	06/22/21 07:55	07/02/21 16:32	EPA 3050B	1,6010D	SV
Calcium, Total	8560		mg/kg	8.36	2.92	2	06/22/21 07:55	07/02/21 16:32	EPA 3050B	1,6010D	SV
Chromium, Total	11.2		mg/kg	0.836	0.080	2	06/22/21 07:55	07/02/21 16:32	EPA 3050B	1,6010D	SV
Cobalt, Total	4.85		mg/kg	1.67	0.139	2	06/22/21 07:55	07/02/21 16:32	EPA 3050B	1,6010D	SV
Copper, Total	14.9		mg/kg	0.836	0.216	2	06/22/21 07:55	07/02/21 16:32	EPA 3050B	1,6010D	SV
Iron, Total	11800		mg/kg	4.18	0.754	2	06/22/21 07:55	07/02/21 16:32	EPA 3050B	1,6010D	SV
Lead, Total	338		mg/kg	4.18	0.224	2	06/22/21 07:55	07/02/21 16:32	EPA 3050B	1,6010D	SV
Magnesium, Total	1540		mg/kg	8.36	1.29	2	06/22/21 07:55	07/02/21 16:32	EPA 3050B	1,6010D	SV
Manganese, Total	216		mg/kg	0.836	0.133	2	06/22/21 07:55	07/02/21 16:32	EPA 3050B	1,6010D	SV
Mercury, Total	0.406		mg/kg	0.069	0.045	1	06/22/21 10:45	06/24/21 21:07	EPA 7471B	1,7471B	OU
Nickel, Total	10.0		mg/kg	2.09	0.202	2	06/22/21 07:55	07/02/21 16:32	EPA 3050B	1,6010D	SV
Potassium, Total	455		mg/kg	209	12.0	2	06/22/21 07:55	07/02/21 16:32	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.67	0.216	2	06/22/21 07:55	07/02/21 16:32	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.836	0.236	2	06/22/21 07:55	07/02/21 16:32	EPA 3050B	1,6010D	SV
Sodium, Total	24.3	J	mg/kg	167	2.63	2	06/22/21 07:55	07/02/21 16:32	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.67	0.263	2	06/22/21 07:55	07/02/21 16:32	EPA 3050B	1,6010D	SV
Vanadium, Total	17.5		mg/kg	0.836	0.170	2	06/22/21 07:55	07/02/21 16:32	EPA 3050B	1,6010D	SV
Zinc, Total	118		mg/kg	4.18	0.245	2	06/22/21 07:55	07/02/21 16:32	EPA 3050B	1,6010D	SV

Project Name: 205 PARK AVENUE
Lab Number: L2132476
Project Number: 12.0076834.10
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-06
Client ID: SRI-8 (29.5-30)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/15/21 13:25
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	3180		mg/kg	8.04	2.17	2	06/22/21 07:55	07/02/21 16:37	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	4.02	0.306	2	06/22/21 07:55	07/02/21 16:37	EPA 3050B	1,6010D	SV
Arsenic, Total	1.86		mg/kg	0.804	0.167	2	06/22/21 07:55	07/02/21 16:37	EPA 3050B	1,6010D	SV
Barium, Total	32.1		mg/kg	0.804	0.140	2	06/22/21 07:55	07/02/21 16:37	EPA 3050B	1,6010D	SV
Beryllium, Total	0.129	J	mg/kg	0.402	0.027	2	06/22/21 07:55	07/02/21 16:37	EPA 3050B	1,6010D	SV
Cadmium, Total	0.289	J	mg/kg	0.804	0.079	2	06/22/21 07:55	07/02/21 16:37	EPA 3050B	1,6010D	SV
Calcium, Total	8920		mg/kg	8.04	2.81	2	06/22/21 07:55	07/02/21 16:37	EPA 3050B	1,6010D	SV
Chromium, Total	13.3		mg/kg	0.804	0.077	2	06/22/21 07:55	07/02/21 16:37	EPA 3050B	1,6010D	SV
Cobalt, Total	4.71		mg/kg	1.61	0.133	2	06/22/21 07:55	07/02/21 16:37	EPA 3050B	1,6010D	SV
Copper, Total	12.1		mg/kg	0.804	0.207	2	06/22/21 07:55	07/02/21 16:37	EPA 3050B	1,6010D	SV
Iron, Total	9050		mg/kg	4.02	0.726	2	06/22/21 07:55	07/02/21 16:37	EPA 3050B	1,6010D	SV
Lead, Total	15.2		mg/kg	4.02	0.216	2	06/22/21 07:55	07/02/21 16:37	EPA 3050B	1,6010D	SV
Magnesium, Total	6710		mg/kg	8.04	1.24	2	06/22/21 07:55	07/02/21 16:37	EPA 3050B	1,6010D	SV
Manganese, Total	216		mg/kg	0.804	0.128	2	06/22/21 07:55	07/02/21 16:37	EPA 3050B	1,6010D	SV
Mercury, Total	0.142		mg/kg	0.065	0.043	1	06/22/21 10:45	06/24/21 21:17	EPA 7471B	1,7471B	OU
Nickel, Total	31.5		mg/kg	2.01	0.195	2	06/22/21 07:55	07/02/21 16:37	EPA 3050B	1,6010D	SV
Potassium, Total	659		mg/kg	201	11.6	2	06/22/21 07:55	07/02/21 16:37	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.61	0.207	2	06/22/21 07:55	07/02/21 16:37	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.804	0.228	2	06/22/21 07:55	07/02/21 16:37	EPA 3050B	1,6010D	SV
Sodium, Total	113	J	mg/kg	161	2.53	2	06/22/21 07:55	07/02/21 16:37	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.61	0.253	2	06/22/21 07:55	07/02/21 16:37	EPA 3050B	1,6010D	SV
Vanadium, Total	14.0		mg/kg	0.804	0.163	2	06/22/21 07:55	07/02/21 16:37	EPA 3050B	1,6010D	SV
Zinc, Total	24.1		mg/kg	4.02	0.236	2	06/22/21 07:55	07/02/21 16:37	EPA 3050B	1,6010D	SV

Project Name: 205 PARK AVENUE
Lab Number: L2132476
Project Number: 12.0076834.10
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-07
Client ID: DUP-1
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/15/21 00:00
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 90%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2220		mg/kg	8.42	2.27	2	06/22/21 07:55	07/02/21 16:57	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	4.21	0.320	2	06/22/21 07:55	07/02/21 16:57	EPA 3050B	1,6010D	SV
Arsenic, Total	1.33		mg/kg	0.842	0.175	2	06/22/21 07:55	07/02/21 16:57	EPA 3050B	1,6010D	SV
Barium, Total	15.5		mg/kg	0.842	0.146	2	06/22/21 07:55	07/02/21 16:57	EPA 3050B	1,6010D	SV
Beryllium, Total	0.118	J	mg/kg	0.421	0.028	2	06/22/21 07:55	07/02/21 16:57	EPA 3050B	1,6010D	SV
Cadmium, Total	0.194	J	mg/kg	0.842	0.083	2	06/22/21 07:55	07/02/21 16:57	EPA 3050B	1,6010D	SV
Calcium, Total	851		mg/kg	8.42	2.95	2	06/22/21 07:55	07/02/21 16:57	EPA 3050B	1,6010D	SV
Chromium, Total	4.98		mg/kg	0.842	0.081	2	06/22/21 07:55	07/02/21 16:57	EPA 3050B	1,6010D	SV
Cobalt, Total	2.58		mg/kg	1.68	0.140	2	06/22/21 07:55	07/02/21 16:57	EPA 3050B	1,6010D	SV
Copper, Total	7.57		mg/kg	0.842	0.217	2	06/22/21 07:55	07/02/21 16:57	EPA 3050B	1,6010D	SV
Iron, Total	6150		mg/kg	4.21	0.760	2	06/22/21 07:55	07/02/21 16:57	EPA 3050B	1,6010D	SV
Lead, Total	4.36		mg/kg	4.21	0.226	2	06/22/21 07:55	07/02/21 16:57	EPA 3050B	1,6010D	SV
Magnesium, Total	1430		mg/kg	8.42	1.30	2	06/22/21 07:55	07/02/21 16:57	EPA 3050B	1,6010D	SV
Manganese, Total	143		mg/kg	0.842	0.134	2	06/22/21 07:55	07/02/21 16:57	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.070	0.046	1	06/22/21 10:45	06/24/21 21:20	EPA 7471B	1,7471B	OU
Nickel, Total	5.93		mg/kg	2.10	0.204	2	06/22/21 07:55	07/02/21 16:57	EPA 3050B	1,6010D	SV
Potassium, Total	311		mg/kg	210	12.1	2	06/22/21 07:55	07/02/21 16:57	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.68	0.217	2	06/22/21 07:55	07/02/21 16:57	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.842	0.238	2	06/22/21 07:55	07/02/21 16:57	EPA 3050B	1,6010D	SV
Sodium, Total	68.4	J	mg/kg	168	2.65	2	06/22/21 07:55	07/02/21 16:57	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.68	0.265	2	06/22/21 07:55	07/02/21 16:57	EPA 3050B	1,6010D	SV
Vanadium, Total	8.96		mg/kg	0.842	0.171	2	06/22/21 07:55	07/02/21 16:57	EPA 3050B	1,6010D	SV
Zinc, Total	14.4		mg/kg	4.21	0.247	2	06/22/21 07:55	07/02/21 16:57	EPA 3050B	1,6010D	SV

Project Name: 205 PARK AVENUE
Lab Number: L2132476
Project Number: 12.0076834.10
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-08
Client ID: DUP-2
Sample Location: 205 PARK AVENUE, BROOKLYN, NY
Date Collected: 06/15/21 00:00
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Percent Solids: 96%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	2690		mg/kg	8.05	2.17	2	06/22/21 07:55	07/02/21 17:01	EPA 3050B	1,6010D	SV
Antimony, Total	ND		mg/kg	4.02	0.306	2	06/22/21 07:55	07/02/21 17:01	EPA 3050B	1,6010D	SV
Arsenic, Total	1.70		mg/kg	0.805	0.167	2	06/22/21 07:55	07/02/21 17:01	EPA 3050B	1,6010D	SV
Barium, Total	44.3		mg/kg	0.805	0.140	2	06/22/21 07:55	07/02/21 17:01	EPA 3050B	1,6010D	SV
Beryllium, Total	0.121	J	mg/kg	0.402	0.027	2	06/22/21 07:55	07/02/21 17:01	EPA 3050B	1,6010D	SV
Cadmium, Total	0.250	J	mg/kg	0.805	0.079	2	06/22/21 07:55	07/02/21 17:01	EPA 3050B	1,6010D	SV
Calcium, Total	3620		mg/kg	8.05	2.82	2	06/22/21 07:55	07/02/21 17:01	EPA 3050B	1,6010D	SV
Chromium, Total	8.65		mg/kg	0.805	0.077	2	06/22/21 07:55	07/02/21 17:01	EPA 3050B	1,6010D	SV
Cobalt, Total	3.94		mg/kg	1.61	0.134	2	06/22/21 07:55	07/02/21 17:01	EPA 3050B	1,6010D	SV
Copper, Total	9.47		mg/kg	0.805	0.208	2	06/22/21 07:55	07/02/21 17:01	EPA 3050B	1,6010D	SV
Iron, Total	7970		mg/kg	4.02	0.727	2	06/22/21 07:55	07/02/21 17:01	EPA 3050B	1,6010D	SV
Lead, Total	13.5		mg/kg	4.02	0.216	2	06/22/21 07:55	07/02/21 17:01	EPA 3050B	1,6010D	SV
Magnesium, Total	3030		mg/kg	8.05	1.24	2	06/22/21 07:55	07/02/21 17:01	EPA 3050B	1,6010D	SV
Manganese, Total	210		mg/kg	0.805	0.128	2	06/22/21 07:55	07/02/21 17:01	EPA 3050B	1,6010D	SV
Mercury, Total	ND		mg/kg	0.066	0.043	1	06/22/21 10:45	06/24/21 21:23	EPA 7471B	1,7471B	OU
Nickel, Total	16.3		mg/kg	2.01	0.195	2	06/22/21 07:55	07/02/21 17:01	EPA 3050B	1,6010D	SV
Potassium, Total	521		mg/kg	201	11.6	2	06/22/21 07:55	07/02/21 17:01	EPA 3050B	1,6010D	SV
Selenium, Total	ND		mg/kg	1.61	0.208	2	06/22/21 07:55	07/02/21 17:01	EPA 3050B	1,6010D	SV
Silver, Total	ND		mg/kg	0.805	0.228	2	06/22/21 07:55	07/02/21 17:01	EPA 3050B	1,6010D	SV
Sodium, Total	63.8	J	mg/kg	161	2.54	2	06/22/21 07:55	07/02/21 17:01	EPA 3050B	1,6010D	SV
Thallium, Total	ND		mg/kg	1.61	0.254	2	06/22/21 07:55	07/02/21 17:01	EPA 3050B	1,6010D	SV
Vanadium, Total	10.6		mg/kg	0.805	0.163	2	06/22/21 07:55	07/02/21 17:01	EPA 3050B	1,6010D	SV
Zinc, Total	22.4		mg/kg	4.02	0.236	2	06/22/21 07:55	07/02/21 17:01	EPA 3050B	1,6010D	SV

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG1515068-1										
Aluminum, Total	ND		mg/kg	4.00	1.08	1	06/22/21 07:55	07/02/21 15:15	1,6010D	SV
Antimony, Total	ND		mg/kg	2.00	0.152	1	06/22/21 07:55	07/02/21 15:15	1,6010D	SV
Arsenic, Total	ND		mg/kg	0.400	0.083	1	06/22/21 07:55	07/02/21 15:15	1,6010D	SV
Barium, Total	ND		mg/kg	0.400	0.070	1	06/22/21 07:55	07/02/21 15:15	1,6010D	SV
Beryllium, Total	ND		mg/kg	0.200	0.013	1	06/22/21 07:55	07/02/21 15:15	1,6010D	SV
Cadmium, Total	ND		mg/kg	0.400	0.039	1	06/22/21 07:55	07/02/21 15:15	1,6010D	SV
Calcium, Total	ND		mg/kg	4.00	1.40	1	06/22/21 07:55	07/02/21 15:15	1,6010D	SV
Chromium, Total	ND		mg/kg	0.400	0.038	1	06/22/21 07:55	07/02/21 15:15	1,6010D	SV
Cobalt, Total	ND		mg/kg	0.800	0.066	1	06/22/21 07:55	07/02/21 15:15	1,6010D	SV
Copper, Total	ND		mg/kg	0.400	0.103	1	06/22/21 07:55	07/02/21 15:15	1,6010D	SV
Iron, Total	ND		mg/kg	2.00	0.361	1	06/22/21 07:55	07/02/21 15:15	1,6010D	SV
Lead, Total	ND		mg/kg	2.00	0.107	1	06/22/21 07:55	07/02/21 15:15	1,6010D	SV
Magnesium, Total	ND		mg/kg	4.00	0.616	1	06/22/21 07:55	07/02/21 15:15	1,6010D	SV
Manganese, Total	ND		mg/kg	0.400	0.064	1	06/22/21 07:55	07/02/21 15:15	1,6010D	SV
Nickel, Total	ND		mg/kg	1.00	0.097	1	06/22/21 07:55	07/02/21 15:15	1,6010D	SV
Potassium, Total	ND		mg/kg	100	5.76	1	06/22/21 07:55	07/02/21 15:15	1,6010D	SV
Selenium, Total	ND		mg/kg	0.800	0.103	1	06/22/21 07:55	07/02/21 15:15	1,6010D	SV
Silver, Total	ND		mg/kg	0.400	0.113	1	06/22/21 07:55	07/02/21 15:15	1,6010D	SV
Sodium, Total	ND		mg/kg	80.0	1.26	1	06/22/21 07:55	07/02/21 15:15	1,6010D	SV
Thallium, Total	ND		mg/kg	0.800	0.126	1	06/22/21 07:55	07/02/21 15:15	1,6010D	SV
Vanadium, Total	ND		mg/kg	0.400	0.081	1	06/22/21 07:55	07/02/21 15:15	1,6010D	SV
Zinc, Total	ND		mg/kg	2.00	0.117	1	06/22/21 07:55	07/02/21 15:15	1,6010D	SV

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-08 Batch: WG1515069-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	06/22/21 10:45	06/24/21 20:17	1,7471B	OU

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2132476
Report Date: 07/06/21

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132476

Report Date: 07/06/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1515068-2 SRM Lot Number: D109-540								
Aluminum, Total	78		-		50-150	-		
Antimony, Total	104		-		19-250	-		
Arsenic, Total	102		-		70-130	-		
Barium, Total	101		-		75-125	-		
Beryllium, Total	100		-		75-125	-		
Cadmium, Total	96		-		75-125	-		
Calcium, Total	105		-		73-128	-		
Chromium, Total	97		-		70-130	-		
Cobalt, Total	99		-		75-125	-		
Copper, Total	116		-		75-125	-		
Iron, Total	95		-		35-165	-		
Lead, Total	98		-		72-128	-		
Magnesium, Total	94		-		62-138	-		
Manganese, Total	95		-		74-126	-		
Nickel, Total	99		-		70-130	-		
Potassium, Total	96		-		59-141	-		
Selenium, Total	100		-		68-132	-		
Silver, Total	100		-		68-131	-		
Sodium, Total	107		-		35-165	-		
Thallium, Total	96		-		68-131	-		
Vanadium, Total	99		-		59-141	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132476

Report Date: 07/06/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1515068-2 SRM Lot Number: D109-540					
Zinc, Total	106	-	70-130	-	
Total Metals - Mansfield Lab Associated sample(s): 01-08 Batch: WG1515069-2 SRM Lot Number: D109-540					
Mercury, Total	122	-	60-140	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1515068-3 WG1515068-4 QC Sample: L2132556-07 Client ID: MS Sample												
Aluminum, Total	9060	238	8260	**0**	Q	9470	**168**	Q	75-125	14		20
Antimony, Total	ND	59.5	45.1	76		39.2	**64**	Q	75-125	14		20
Arsenic, Total	9.84	14.3	28.1	**128**	Q	25.7	108		75-125	9		20
Barium, Total	108	238	340	98		340	95		75-125	0		20
Beryllium, Total	0.300J	5.95	6.44	108		6.19	101		75-125	4		20
Cadmium, Total	0.828J	6.07	6.65	110		6.84	110		75-125	3		20
Calcium, Total	4750	1190	11500	**567**	Q	6110	111		75-125	**61**	Q	20
Chromium, Total	24.6	23.8	34.5	**42**	Q	40.2	**64**	Q	75-125	15		20
Cobalt, Total	11.0	59.5	62.7	87		67.1	92		75-125	7		20
Copper, Total	59.3	29.7	206	**493**	Q	106	**153**	Q	75-125	**64**	Q	20
Iron, Total	26800	119	18100	**0**	Q	22900	**0**	Q	75-125	**23**	Q	20
Lead, Total	1910	60.7	253	**0**	Q	336	**0**	Q	75-125	**28**	Q	20
Magnesium, Total	3230	1190	3440	**18**	Q	3710	**39**	Q	75-125	8		20
Manganese, Total	276	59.5	242	**0**	Q	327	83		75-125	**30**	Q	20
Nickel, Total	19.2	59.5	68.1	82		72.0	86		75-125	6		20
Potassium, Total	2010	1190	2370	**30**	Q	2910	**74**	Q	75-125	20		20
Selenium, Total	ND	14.3	13.1	92		12.8	87		75-125	2		20
Silver, Total	ND	35.7	35.8	100		34.7	94		75-125	3		20
Sodium, Total	225J	1190	2060	**173**	Q	1470	120		75-125	**33**	Q	20
Thallium, Total	ND	14.3	11.0	77		10.7	**73**	Q	75-125	3		20
Vanadium, Total	32.7	59.5	84.5	87		89.6	93		75-125	6		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1515068-3 WG1515068-4 QC Sample: L2132556-07 Client ID: MS Sample												
Zinc, Total	176	59.5	285	**183**	Q	232	92		75-125	**21**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1515069-3 WG1515069-4 QC Sample: L2132556-07 Client ID: MS Sample												
Mercury, Total	0.529	0.202	1.60	**531**	Q	0.630	**50**	Q	80-120	**87**	Q	20

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Serial Dilution Analysis
Batch Quality Control

Lab Number: L2132476
Report Date: 07/06/21

Parameter	Native Sample	Serial Dilution	Units	% D	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1515068-6 QC Sample: L2132556-07 Client ID: DUP Sample						
Aluminum, Total	9060	9060	mg/kg	0		20
Barium, Total	108	107	mg/kg	1		20
Calcium, Total	4750	4790	mg/kg	1		20
Copper, Total	59.3	60.2	mg/kg	2		20
Iron, Total	26800	27200	mg/kg	1		20
Lead, Total	1910	2040	mg/kg	7		20
Magnesium, Total	3230	3410	mg/kg	6		20
Manganese, Total	276	279	mg/kg	1		20
Vanadium, Total	32.7	33.5	mg/kg	2		20
Zinc, Total	176	189	mg/kg	7		20

INORGANICS
&
MISCELLANEOUS

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-01
Client ID: SRI-2 (0-0.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 09:20
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.6		%	0.100	NA	1	-	06/17/21 08:27	121,2540G	RI

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-02
Client ID: SRI-2 (30-30.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 09:30
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.9		%	0.100	NA	1	-	06/17/21 08:27	121,2540G	RI

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-03
Client ID: SRI-1 (3-3.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 11:15
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.7		%	0.100	NA	1	-	06/17/21 08:27	121,2540G	RI

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-04
Client ID: SRI-1 (25-25.5)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 11:20
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.2		%	0.100	NA	1	-	06/17/21 08:27	121,2540G	RI

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-05
Client ID: SRI-8 (3.5-4)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 13:15
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.8		%	0.100	NA	1	-	06/17/21 08:27	121,2540G	RI

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-06
Client ID: SRI-8 (29.5-30)
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 13:25
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.4		%	0.100	NA	1	-	06/17/21 08:27	121,2540G	RI

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-07
Client ID: DUP-1
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 00:00
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	06/17/21 08:27	121,2540G	RI

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

SAMPLE RESULTS

Lab ID: L2132476-08
Client ID: DUP-2
Sample Location: 205 PARK AVENUE, BROOKLYN, NY

Date Collected: 06/15/21 00:00
Date Received: 06/16/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	96.0		%	0.100	NA	1	-	06/17/21 08:27	121,2540G	RI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2132476

Report Date: 07/06/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-08 QC Batch ID: WG1513239-1 QC Sample: L2132415-01 Client ID: DUP Sample						
Solids, Total	86.7	89.7	%	3		20

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2132476-01A	Vial MeOH preserved	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2132476-01B	Vial water preserved	B	NA		3.7	Y	Absent	17-JUN-21 02:44	NYTCL-8260HLW(14)
L2132476-01C	Vial water preserved	B	NA		3.7	Y	Absent	17-JUN-21 02:44	NYTCL-8260HLW(14)
L2132476-01D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2132476-01E	Plastic 120ml unpreserved	B	NA		3.7	Y	Absent		TS(7)
L2132476-01F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),TL-TI(180),NI-TI(180),CR-TI(180),ZN-TI(180),SB-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),V-TI(180),CO-TI(180),MG-TI(180),FE-TI(180),MN-TI(180),HG-T(28),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2132476-01G	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2132476-01H	Glass 250ml/8oz unpreserved	B	NA		3.7	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2132476-02A	Vial MeOH preserved	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2132476-02B	Vial water preserved	B	NA		3.7	Y	Absent	17-JUN-21 02:44	NYTCL-8260HLW(14)
L2132476-02C	Vial water preserved	B	NA		3.7	Y	Absent	17-JUN-21 02:44	NYTCL-8260HLW(14)
L2132476-02D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2132476-02E	Plastic 120ml unpreserved	B	NA		3.7	Y	Absent		TS(7)
L2132476-02F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),SB-TI(180),CU-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CA-TI(180),K-TI(180),NA-TI(180),CD-TI(180)
L2132476-02G	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2132476-02H	Glass 250ml/8oz unpreserved	B	NA		3.7	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2132476-03A	Vial MeOH preserved	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2132476-03B	Vial water preserved	B	NA		3.7	Y	Absent	17-JUN-21 02:44	NYTCL-8260HLW(14)
L2132476-03C	Vial water preserved	B	NA		3.7	Y	Absent	17-JUN-21 02:44	NYTCL-8260HLW(14)
L2132476-03D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2132476-03E	Plastic 120ml unpreserved	B	NA		3.7	Y	Absent		TS(7)
L2132476-03F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),NI-TI(180),AL-TI(180),TL-TI(180),CR-TI(180),SE-TI(180),CU-TI(180),SB-TI(180),PB-TI(180),ZN-TI(180),V-TI(180),CO-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),CD-TI(180),K-TI(180),CA-TI(180),NA-TI(180)
L2132476-03G	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2132476-03H	Glass 250ml/8oz unpreserved	B	NA		3.7	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2132476-04A	Vial MeOH preserved	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2132476-04B	Vial water preserved	B	NA		3.7	Y	Absent	17-JUN-21 02:44	NYTCL-8260HLW(14)
L2132476-04C	Vial water preserved	B	NA		3.7	Y	Absent	17-JUN-21 02:44	NYTCL-8260HLW(14)
L2132476-04D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2132476-04E	Plastic 120ml unpreserved	B	NA		3.7	Y	Absent		TS(7)
L2132476-04F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.7	Y	Absent		BE-TI(180),BA-TI(180),AS-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),CR-TI(180),TL-TI(180),SB-TI(180),PB-TI(180),CU-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MN-TI(180),FE-TI(180),HG-T(28),MG-TI(180),CD-TI(180),CA-TI(180),K-TI(180),NA-TI(180)
L2132476-04G	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2132476-04H	Glass 250ml/8oz unpreserved	B	NA		3.7	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2132476-05A	Vial MeOH preserved	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2132476-05B	Vial water preserved	B	NA		3.7	Y	Absent	17-JUN-21 02:44	NYTCL-8260HLW(14)
L2132476-05C	Vial water preserved	B	NA		3.7	Y	Absent	17-JUN-21 02:44	NYTCL-8260HLW(14)
L2132476-05D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2132476-05E	Plastic 120ml unpreserved	B	NA		3.7	Y	Absent		TS(7)

*Values in parentheses indicate holding time in days

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2132476-05F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),TL-TI(180),CR-TI(180),AL-TI(180),NI-TI(180),SE-TI(180),CU-TI(180),PB-TI(180),SB-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),MG-TI(180),FE-TI(180),HG-T(28),MN-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2132476-05G	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2132476-05H	Glass 250ml/8oz unpreserved	B	NA		3.7	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2132476-06A	Vial MeOH preserved	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2132476-06B	Vial water preserved	B	NA		3.7	Y	Absent	17-JUN-21 02:44	NYTCL-8260HLW(14)
L2132476-06C	Vial water preserved	B	NA		3.7	Y	Absent	17-JUN-21 02:44	NYTCL-8260HLW(14)
L2132476-06D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2132476-06E	Plastic 120ml unpreserved	B	NA		3.7	Y	Absent		TS(7)
L2132476-06F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),AL-TI(180),NI-TI(180),TL-TI(180),CR-TI(180),SB-TI(180),SE-TI(180),PB-TI(180),ZN-TI(180),CU-TI(180),CO-TI(180),V-TI(180),FE-TI(180),HG-T(28),MG-TI(180),MN-TI(180),K-TI(180),CD-TI(180),NA-TI(180),CA-TI(180)
L2132476-06G	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2132476-06H	Glass 250ml/8oz unpreserved	B	NA		3.7	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2132476-07A	Vial MeOH preserved	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)
L2132476-07B	Vial water preserved	B	NA		3.7	Y	Absent	**17-JUN-21 02:44**	NYTCL-8260HLW(14)
L2132476-07C	Vial water preserved	B	NA		3.7	Y	Absent	**17-JUN-21 02:44**	NYTCL-8260HLW(14)
L2132476-07D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2132476-07E	Plastic 120ml unpreserved	B	NA		3.7	Y	Absent		TS(7)
L2132476-07F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),NI-TI(180),AL-TI(180),SB-TI(180),CU-TI(180),PB-TI(180),SE-TI(180),ZN-TI(180),CO-TI(180),V-TI(180),HG-T(28),FE-TI(180),MG-TI(180),MN-TI(180),K-TI(180),CA-TI(180),CD-TI(180),NA-TI(180)
L2132476-07G	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2132476-07H	Glass 250ml/8oz unpreserved	B	NA		3.7	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2132476-08A	Vial MeOH preserved	B	NA		3.7	Y	Absent		NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2132476-08B	Vial water preserved	B	NA		3.7	Y	Absent	**17-JUN-21 02:44**	NYTCL-8260HLW(14)
L2132476-08C	Vial water preserved	B	NA		3.7	Y	Absent	**17-JUN-21 02:44**	NYTCL-8260HLW(14)
L2132476-08D	Plastic 2oz unpreserved for TS	A	NA		3.6	Y	Absent		TS(7)
L2132476-08E	Plastic 120ml unpreserved	B	NA		3.7	Y	Absent		TS(7)
L2132476-08F	Metals Only-Glass 60mL/2oz unpreserved	B	NA		3.7	Y	Absent		BE-TI(180),AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),TL-TI(180),AL-TI(180),NI-TI(180),CU-TI(180),SB-TI(180),ZN-TI(180),PB-TI(180),SE-TI(180),CO-TI(180),V-TI(180),HG-T(28),MG-TI(180),MN-TI(180),FE-TI(180),K-TI(180),NA-TI(180),CD-TI(180),CA-TI(180)
L2132476-08G	Plastic 8oz unpreserved	A	NA		3.6	Y	Absent		A2-NY-537-ISOTOPE(14)
L2132476-08H	Glass 250ml/8oz unpreserved	B	NA		3.7	Y	Absent		NYTCL-8270(14),NYTCL-8081(14),NYTCL-8082(365)
L2132476-09A	Vial HCl preserved	B	NA		3.7	Y	Absent		NYTCL-8260(14)
L2132476-09B	Vial HCl preserved	B	NA		3.7	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2132476
Report Date: 07/06/21

PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

Project Name:	205 PARK AVENUE	**Lab Number:**	L2132476
Project Number:	12.0076834.10	**Report Date:**	07/06/21

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	205 PARK AVENUE	**Lab Number:**	L2132476
Project Number:	12.0076834.10	**Report Date:**	07/06/21

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

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

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	205 PARK AVENUE	**Lab Number:**	L2132476
Project Number:	12.0076834.10	**Report Date:**	07/06/21

Data Qualifiers

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Project Name:	205 PARK AVENUE	**Lab Number:**	L2132476
Project Number:	12.0076834.10	**Report Date:**	07/06/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

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TEL: 508-898-9220
FAX: 508-898-9193

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320 Forbes Blvd
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Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page: 1 of 1

Date Rec'd in Lab: 6/16/21

ALPHA Job #: L2132476

Client Information
Client: GZA GeoEnvironmental
Address: 55 Lane Rd, Suite 407, Fairfield, NJ 07004
Phone: (201) 213-6178
Fax: (973) 774-3350
Email: zhan.shu@gza.com

Project Information
Project Name: 205 Park Avenue
Project Location: 205 Park Ave, Brooklyn, NY
Project #: 17.0076834.10
(Use Project name as Project #): ☐
Project Manager: Zhan Shu
ALPHAQuote #:

Turn-Around Time
Standard: ☒ Due Date:
Rush (only if pre approved): ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☒ Same as Client Info
PO #

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
*1,4-Dioxane = isotope dilution Email Zhan Shu for Data Deliverables

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs (8260)	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	TAL metals (6010/7471)	*1,4-Dioxane (8260)	PFAs (537)	Sample Specific Comments	Total Bottle
32476-01	SRI-2 (0-0.5)	6/15/21	0920	S	CM	X	X	X	X	X	X	X		8
-02	SRI-2 (30-30.5)		0930		CM	X	X	X	X	X	X	X		8
-03	SRI-1 (3-3.5)		1115		CM	X	X	X	X	X	X	X		8
-04	SRI-1 (25-25.5)		1120		CM	X	X	X	X	X	X	X		8
-05	SRI-8 (3.5-4)		1315		CM	X	X	X	X	X	X	X		8
-06	SRI-8 (29.5-30)		1325		CM	X	X	X	X	X	X	X		8
-07	DUP-1		—		CM	X	X	X	X	X	X	X		8
-08	DUP-2		—		CM	X	X	X	X	X	X	X		8
-09	Trip Blank		—	TB	TG	X								2

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	VP	A	A	A	A	A	P	
Preservative	AF	A	A	A	A	A	A	

Relinquished By:	Date/Time	Received By:	Date/Time
Casey McGuffie	6-16-21 940		6-16-21 940
	6-16-21 1650		6/16/21 1700
Paul Magdalena	6/16/21 2223		6/17/21 0223

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2133428
Client:	GZA GeoEnvironmental, Inc. 55 Lane Road Suite 407 Fairfield, NJ 07004
ATTN:	Zhan Shu
Phone:	(201) 744-0118
Project Name:	205 PARK AVE.
Project Number:	12.0076834.10
Report Date:	07/19/21

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2133428-01	FIELD BLANK	WATER	BROOKLYN, NY	06/18/21 18:25	06/18/21
L2133428-02	TRIP BLANK	WATER	BROOKLYN, NY	06/17/21 00:00	06/18/21
L2133428-03	MW-1	WATER	BROOKLYN, NY	06/18/21 15:55	06/18/21
L2133428-04	MW-2	WATER	BROOKLYN, NY	06/18/21 15:10	06/18/21
L2133428-05	MW-3	WATER	BROOKLYN, NY	06/18/21 11:15	06/18/21

Project Name:	205 PARK AVE.	**Lab Number:**	L2133428
Project Number:	12.0076834.10	**Report Date:**	07/19/21

Case Narrative

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

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

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

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

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

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

Project Name:	205 PARK AVE.	**Lab Number:**	L2133428
Project Number:	12.0076834.10	**Report Date:**	07/19/21

Case Narrative (continued)

Report Submission

July 19, 2021: This final report includes the results of all requested analyses.

July 09, 2021: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Perfluorinated Alkyl Acids by Isotope Dilution

L2133428-01, -04, -05, WG1517824-1, and WG1517824-2: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

L2133428-03, -04, and -05: The MeOH fraction of the extraction is reported for Perfluorooctanesulfonamide (FOSA) due to better extraction efficiency of the M8FOSA Surrogate (Extracted Internal Standard).

Total Metals

L2133428-01: The Field Blank has a concentration above the reporting limit for Sodium. The results were confirmed.

Dissolved Metals

L2133428-01: The Field Blank has a concentration above the reporting limit for Dissolved Sodium. The results were confirmed.

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

Authorized Signature: Tiffani Morrissey - Tiffani Morrissey

Title: Technical Director/Representative Date: 07/19/21

ORGANICS

VOLATILES

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-01
Client ID: FIELD BLANK
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 18:25
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/28/21 15:22
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVE. **Lab Number:** L2133428

Project Number: 12.0076834.10 **Report Date:** 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-01 Date Collected: 06/18/21 18:25

Client ID: FIELD BLANK Date Received: 06/18/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-01
Client ID: FIELD BLANK
Sample Location: BROOKLYN, NY
Date Collected: 06/18/21 18:25
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	100		70-130

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-02
Client ID: TRIP BLANK
Sample Location: BROOKLYN, NY

Date Collected: 06/17/21 00:00
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/01/21 12:51
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVE. **Lab Number:** L2133428

Project Number: 12.0076834.10 **Report Date:** 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-02 Date Collected: 06/17/21 00:00

Client ID: TRIP BLANK Date Received: 06/18/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-02
Client ID: TRIP BLANK
Sample Location: BROOKLYN, NY
Date Collected: 06/17/21 00:00
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	103		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	102		70-130

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-03
Client ID: MW-1
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 15:55
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/28/21 15:46
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	5.7		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	22		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVE. **Lab Number:** L2133428

Project Number: 12.0076834.10 **Report Date:** 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-03 Date Collected: 06/18/21 15:55

Client ID: MW-1 Date Received: 06/18/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	1.2		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-03
Client ID: MW-1
Sample Location: BROOKLYN, NY
Date Collected: 06/18/21 15:55
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	102		70-130

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-04
Client ID: MW-2
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 15:10
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/28/21 16:09
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	3.1		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	15		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVE. **Lab Number:** L2133428

Project Number: 12.0076834.10 **Report Date:** 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-04 Date Collected: 06/18/21 15:10

Client ID: MW-2 Date Received: 06/18/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.85		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-04
Client ID: MW-2
Sample Location: BROOKLYN, NY
Date Collected: 06/18/21 15:10
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	100		70-130

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-05
Client ID: MW-3
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 11:15
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 06/28/21 16:33
Analyst: NLK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	2.4	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	17		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVE. **Lab Number:** L2133428

Project Number: 12.0076834.10 **Report Date:** 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-05 Date Collected: 06/18/21 11:15

Client ID: MW-3 Date Received: 06/18/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.79		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVE.
Lab Number: L2133428
Project Number: 12.0076834.10
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-05
Client ID: MW-3
Sample Location: BROOKLYN, NY
Date Collected: 06/18/21 11:15
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	99		70-130

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/28/21 09:41
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-05 Batch: WG1518247-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/28/21 09:41
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-05 Batch: WG1518247-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 205 PARK AVE. **Lab Number:** L2133428

Project Number: 12.0076834.10 **Report Date:** 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 06/28/21 09:41
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-05 Batch: WG1518247-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	102		70-130

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2133428
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/01/21 09:15
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1519480-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/01/21 09:15
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1519480-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2133428
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/01/21 09:15
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 02 Batch: WG1519480-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	106		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	102		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1518247-3 WG1518247-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	100		100		70-130	0		20
Dibromochloromethane	98		100		63-130	2		20
1,1,2-Trichloroethane	98		100		70-130	2		20
Tetrachloroethene	100		110		70-130	10		20
Chlorobenzene	100		100		75-130	0		20
Trichlorofluoromethane	110		110		62-150	0		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	96		99		70-130	3		20
cis-1,3-Dichloropropene	100		100		70-130	0		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	94		99		54-136	5		20
1,1,2,2-Tetrachloroethane	100		110		67-130	10		20
Benzene	100		100		70-130	0		20
Toluene	100		100		70-130	0		20
Ethylbenzene	100		100		70-130	0		20
Chloromethane	110		110		64-130	0		20
Bromomethane	110		120		39-139	9		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2133428

Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1518247-3 WG1518247-4								
Vinyl chloride	110		110		55-140	0		20
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	100		110		70-130	10		20
Trichloroethene	100		100		70-130	0		20
1,2-Dichlorobenzene	98		100		70-130	2		20
1,3-Dichlorobenzene	98		99		70-130	1		20
1,4-Dichlorobenzene	98		100		70-130	2		20
Methyl tert butyl ether	99		100		63-130	1		20
p/m-Xylene	100		100		70-130	0		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	110		100		70-130	10		20
Dibromomethane	100		100		70-130	0		20
1,2,3-Trichloropropane	96		100		64-130	4		20
Acrylonitrile	99		100		70-130	1		20
Styrene	95		95		70-130	0		20
Dichlorodifluoromethane	120		120		36-147	0		20
Acetone	88		94		58-148	7		20
Carbon disulfide	100		110		51-130	10		20
2-Butanone	91		92		63-138	1		20
Vinyl acetate	130		120		70-130	8		20
4-Methyl-2-pentanone	92		96		59-130	4		20
2-Hexanone	83		93		57-130	11		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2133428

Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1518247-3 WG1518247-4								
Bromochloromethane	110		110		70-130	0		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	99		100		70-130	1		20
1,3-Dichloropropane	100		100		70-130	0		20
1,1,1,2-Tetrachloroethane	100		100		64-130	0		20
Bromobenzene	100		100		70-130	0		20
n-Butylbenzene	100		110		53-136	10		20
sec-Butylbenzene	100		100		70-130	0		20
tert-Butylbenzene	100		100		70-130	0		20
o-Chlorotoluene	100		100		70-130	0		20
p-Chlorotoluene	98		100		70-130	2		20
1,2-Dibromo-3-chloropropane	91		100		41-144	9		20
Hexachlorobutadiene	110		110		63-130	0		20
Isopropylbenzene	100		100		70-130	0		20
p-Isopropyltoluene	100		100		70-130	0		20
Naphthalene	90		110		70-130	20		20
n-Propylbenzene	100		100		69-130	0		20
1,2,3-Trichlorobenzene	94		110		70-130	16		20
1,2,4-Trichlorobenzene	99		110		70-130	11		20
1,3,5-Trimethylbenzene	99		100		64-130	1		20
1,2,4-Trimethylbenzene	99		100		70-130	1		20
1,4-Dioxane	92		106		56-162	14		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2133428

Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1518247-3 WG1518247-4								
p-Ethyltoluene	100		100		70-130	0		20
1,2,4,5-Tetramethylbenzene	99		100		70-130	1		20
Ethyl ether	100		100		59-134	0		20
trans-1,4-Dichloro-2-butene	98		100		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	99		101		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	97		98		70-130
Dibromofluoromethane	102		102		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1519480-3 WG1519480-4								
Methylene chloride	99		96		70-130	3		20
1,1-Dichloroethane	100		97		70-130	3		20
Chloroform	100		98		70-130	2		20
Carbon tetrachloride	100		98		63-132	2		20
1,2-Dichloropropane	97		97		70-130	0		20
Dibromochloromethane	90		91		63-130	1		20
1,1,2-Trichloroethane	92		88		70-130	4		20
Tetrachloroethene	98		95		70-130	3		20
Chlorobenzene	98		97		75-130	1		20
Trichlorofluoromethane	100		96		62-150	4		20
1,2-Dichloroethane	100		100		70-130	0		20
1,1,1-Trichloroethane	100		98		67-130	2		20
Bromodichloromethane	97		97		67-130	0		20
trans-1,3-Dichloropropene	97		99		70-130	2		20
cis-1,3-Dichloropropene	99		100		70-130	1		20
1,1-Dichloropropene	100		98		70-130	2		20
Bromoform	92		89		54-136	3		20
1,1,2,2-Tetrachloroethane	110		110		67-130	0		20
Benzene	99		97		70-130	2		20
Toluene	99		95		70-130	4		20
Ethylbenzene	100		97		70-130	3		20
Chloromethane	98		92		64-130	6		20
Bromomethane	130		130		39-139	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2133428

Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1519480-3 WG1519480-4								
Vinyl chloride	90		87		55-140	3		20
Chloroethane	**140**	Q	120		55-138	15		20
1,1-Dichloroethene	96		92		61-145	4		20
trans-1,2-Dichloroethene	99		96		70-130	3		20
Trichloroethene	90		84		70-130	7		20
1,2-Dichlorobenzene	99		97		70-130	2		20
1,3-Dichlorobenzene	100		98		70-130	2		20
1,4-Dichlorobenzene	100		98		70-130	2		20
Methyl tert butyl ether	96		100		63-130	4		20
p/m-Xylene	100		95		70-130	5		20
o-Xylene	100		100		70-130	0		20
cis-1,2-Dichloroethene	95		95		70-130	0		20
Dibromomethane	98		99		70-130	1		20
1,2,3-Trichloropropane	97		95		64-130	2		20
Acrylonitrile	85		85		70-130	0		20
Styrene	100		100		70-130	0		20
Dichlorodifluoromethane	96		90		36-147	6		20
Acetone	88		89		58-148	1		20
Carbon disulfide	100		96		51-130	4		20
2-Butanone	86		89		63-138	3		20
Vinyl acetate	**190**	Q	**180**	Q	70-130	5		20
4-Methyl-2-pentanone	82		89		59-130	8		20
2-Hexanone	92		95		57-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2133428

Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1519480-3 WG1519480-4								
Bromochloromethane	100		97		70-130	3		20
2,2-Dichloropropane	130		120		63-133	8		20
1,2-Dibromoethane	94		97		70-130	3		20
1,3-Dichloropropane	95		97		70-130	2		20
1,1,1,2-Tetrachloroethane	97		96		64-130	1		20
Bromobenzene	100		98		70-130	2		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	100		97		70-130	3		20
tert-Butylbenzene	100		96		70-130	4		20
o-Chlorotoluene	110		99		70-130	11		20
p-Chlorotoluene	100		96		70-130	4		20
1,2-Dibromo-3-chloropropane	83		93		41-144	11		20
Hexachlorobutadiene	99		98		63-130	1		20
Isopropylbenzene	100		97		70-130	3		20
p-Isopropyltoluene	100		98		70-130	2		20
Naphthalene	88		91		70-130	3		20
n-Propylbenzene	100		97		69-130	3		20
1,2,3-Trichlorobenzene	94		93		70-130	1		20
1,2,4-Trichlorobenzene	96		94		70-130	2		20
1,3,5-Trimethylbenzene	100		99		64-130	1		20
1,2,4-Trimethylbenzene	100		99		70-130	1		20
1,4-Dioxane	94		96		56-162	2		20
p-Diethylbenzene	100		100		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2133428

Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 02 Batch: WG1519480-3 WG1519480-4								
p-Ethyltoluene	100		99		70-130	1		20
1,2,4,5-Tetramethylbenzene	96		94		70-130	2		20
Ethyl ether	93		100		59-134	7		20
trans-1,4-Dichloro-2-butene	78		81		70-130	4		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	110		110		70-130
Toluene-d8	98		100		70-130
4-Bromofluorobenzene	100		100		70-130
Dibromofluoromethane	104		103		70-130

SEMIVOLATILES

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-01
Client ID: FIELD BLANK
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 18:25
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 06/26/21 01:58
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 06/25/21 03:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 205 PARK AVE. **Lab Number:** L2133428

Project Number: 12.0076834.10 **Report Date:** 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-01 Date Collected: 06/18/21 18:25

Client ID: FIELD BLANK Date Received: 06/18/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	60		15-120
2,4,6-Tribromophenol	60		10-120
4-Terphenyl-d14	66		41-149

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-01
Client ID: FIELD BLANK
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 18:25
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 06/25/21 16:09
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 06/25/21 03:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 205 PARK AVE.
Lab Number: L2133428
Project Number: 12.0076834.10
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-01
Client ID: FIELD BLANK
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 18:25
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	45		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	86		10-120
4-Terphenyl-d14	67		41-149

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-01
Client ID: FIELD BLANK
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 18:25
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 06/25/21 19:31
Analyst: SMB

Extraction Method: EPA 3510C
Extraction Date: 06/24/21 09:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	134	30.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	49		15-110

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-01
Client ID: FIELD BLANK
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 18:25
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/02/21 13:13
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 06/28/21 16:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	ND		ng/l	1.79	0.365	1
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	1.79	0.354	1
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	1.79	0.213	1
Perfluorohexanoic Acid (PFHxA)	0.358	J	ng/l	1.79	0.293	1
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	1.79	0.201	1
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	1.79	0.336	1
Perfluorooctanoic Acid (PFOA)	ND		ng/l	1.79	0.211	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.79	1.19	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.79	0.616	1
Perfluorononanoic Acid (PFNA)	ND		ng/l	1.79	0.279	1
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	1.79	0.451	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.79	0.272	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.79	1.08	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.79	0.580	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.79	0.233	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.79	0.877	1
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.79	0.519	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.79	0.719	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.79	0.333	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.79	0.293	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.79	0.222	1
PFOA/PFOS, Total	ND		ng/l	1.79	0.211	1

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-01
Client ID: FIELD BLANK
Sample Location: BROOKLYN, NY
Date Collected: 06/18/21 18:25
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	124		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	141		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	**132**	Q	70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	126		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	125		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	129		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	126		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	135		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	123		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	128		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	121		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	142		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	104		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	128		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	27		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	110		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	124		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	126		22-136

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-03
Client ID: MW-1
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 15:55
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 06/26/21 02:22
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 06/25/21 03:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	0.62	J	ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	0.50	J	ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 205 PARK AVE. **Lab Number:** L2133428

Project Number: 12.0076834.10 **Report Date:** 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-03 Date Collected: 06/18/21 15:55

Client ID: MW-1 Date Received: 06/18/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	82		21-120
Phenol-d6	64		10-120
Nitrobenzene-d5	96		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	72		10-120
4-Terphenyl-d14	73		41-149

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-03
Client ID: MW-1
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 15:55
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 06/25/21 19:57
Analyst: SMB

Extraction Method: EPA 3510C
Extraction Date: 06/24/21 09:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	288.		ng/l	139	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	48		15-110

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-03
Client ID: MW-1
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 15:55
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 07/01/21 00:35
Analyst: DV

Extraction Method: EPA 3510C
Extraction Date: 06/25/21 03:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 205 PARK AVE. **Lab Number:** L2133428

Project Number: 12.0076834.10 **Report Date:** 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-03 Date Collected: 06/18/21 15:55

Client ID: MW-1 Date Received: 06/18/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	48		21-120
Phenol-d6	40		10-120
Nitrobenzene-d5	61		23-120
2-Fluorobiphenyl	68		15-120
2,4,6-Tribromophenol	81		10-120
4-Terphenyl-d14	73		41-149

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-03
Client ID: MW-1
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 15:55
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/02/21 13:29
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 06/28/21 16:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	4.94		ng/l	1.76	0.359	1
Perfluoropentanoic Acid (PFPeA)	12.6		ng/l	1.76	0.348	1
Perfluorobutanesulfonic Acid (PFBS)	2.40		ng/l	1.76	0.209	1
Perfluorohexanoic Acid (PFHxA)	11.2		ng/l	1.76	0.288	1
Perfluoroheptanoic Acid (PFHpA)	7.47		ng/l	1.76	0.198	1
Perfluorohexanesulfonic Acid (PFHxS)	2.92		ng/l	1.76	0.331	1
Perfluorooctanoic Acid (PFOA)	39.4		ng/l	1.76	0.208	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.76	1.17	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.76	0.605	1
Perfluorononanoic Acid (PFNA)	1.14	J	ng/l	1.76	0.274	1
Perfluorooctanesulfonic Acid (PFOS)	11.0		ng/l	1.76	0.443	1
Perfluorodecanoic Acid (PFDA)	0.299	JF	ng/l	1.76	0.267	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.76	1.07	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.76	0.570	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.76	0.229	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.76	0.862	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.76	0.707	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.76	0.327	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.76	0.288	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.76	0.218	1
PFOA/PFOS, Total	50.4		ng/l	1.76	0.208	1

Project Name: 205 PARK AVE. **Lab Number:** L2133428

Project Number: 12.0076834.10 **Report Date:** 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-03 Date Collected: 06/18/21 15:55

Client ID: MW-1 Date Received: 06/18/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	101		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	108		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	129		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	98		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	100		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	128		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	99		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	141		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	102		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	126		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	107		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	138		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	83		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	116		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	108		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	112		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	110		22-136

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-03
Client ID: MW-1
Sample Location: BROOKLYN, NY

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/04/21 14:21
Analyst: SG

Date Collected: 06/18/21 15:55
Date Received: 06/18/21
Field Prep: Not Specified

Extraction Method: ALPHA 23528
Extraction Date: 06/28/21 16:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.76	0.510	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	63		10-112

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-04
Client ID: MW-2
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 15:10
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 06/26/21 02:46
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 06/25/21 03:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	1.5	J	ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-04
Client ID: MW-2
Sample Location: BROOKLYN, NY
Date Collected: 06/18/21 15:10
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	71		21-120
Phenol-d6	56		10-120
Nitrobenzene-d5	90		23-120
2-Fluorobiphenyl	70		15-120
2,4,6-Tribromophenol	59		10-120
4-Terphenyl-d14	72		41-149

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-04
Client ID: MW-2
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 15:10
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 06/25/21 17:05
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 06/25/21 03:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 205 PARK AVE.
Lab Number: L2133428
Project Number: 12.0076834.10
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-04
Client ID: MW-2
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 15:10
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	58		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	75		23-120
2-Fluorobiphenyl	79		15-120
2,4,6-Tribromophenol	98		10-120
4-Terphenyl-d14	77		41-149

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-04
Client ID: MW-2
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 15:10
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 06/25/21 20:23
Analyst: SMB

Extraction Method: EPA 3510C
Extraction Date: 06/24/21 09:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	89.2	J	ng/l	139	31.4	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	46		15-110

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-04
Client ID: MW-2
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 15:10
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/02/21 13:46
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 06/28/21 16:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	10.0		ng/l	1.76	0.358	1
Perfluoropentanoic Acid (PFPeA)	23.4		ng/l	1.76	0.348	1
Perfluorobutanesulfonic Acid (PFBS)	7.91		ng/l	1.76	0.209	1
Perfluorohexanoic Acid (PFHxA)	19.3		ng/l	1.76	0.288	1
Perfluoroheptanoic Acid (PFHpA)	13.6		ng/l	1.76	0.198	1
Perfluorohexanesulfonic Acid (PFHxS)	6.83	F	ng/l	1.76	0.330	1
Perfluorooctanoic Acid (PFOA)	98.8		ng/l	1.76	0.207	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	6.36		ng/l	1.76	1.17	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.76	0.604	1
Perfluorononanoic Acid (PFNA)	1.57	J	ng/l	1.76	0.274	1
Perfluorooctanesulfonic Acid (PFOS)	16.7		ng/l	1.76	0.443	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.76	0.267	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.76	1.06	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.76	0.569	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.76	0.228	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.76	0.861	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.76	0.706	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.76	0.327	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.76	0.287	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.76	0.218	1
PFOA/PFOS, Total	116		ng/l	1.76	0.207	1

Project Name: 205 PARK AVE. **Lab Number:** L2133428

Project Number: 12.0076834.10 **Report Date:** 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-04 Date Collected: 06/18/21 15:10

Client ID: MW-2 Date Received: 06/18/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	103		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	109		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	**133**	Q	70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	99		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	103		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	130		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	102		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**173**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	104		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	**132**	Q	69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	104		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	147		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	72		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	115		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	106		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	110		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	103		22-136

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-04
Client ID: MW-2
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 15:10
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/04/21 14:28
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 06/28/21 16:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.76	0.509	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	65		10-112

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-05
Client ID: MW-3
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 11:15
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 06/26/21 03:09
Analyst: LJG

Extraction Method: EPA 3510C
Extraction Date: 06/25/21 03:07

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	4.2		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 205 PARK AVE. **Lab Number:** L2133428

Project Number: 12.0076834.10 **Report Date:** 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-05 Date Collected: 06/18/21 11:15

Client ID: MW-3 Date Received: 06/18/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		21-120
Phenol-d6	49		10-120
Nitrobenzene-d5	81		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	63		10-120
4-Terphenyl-d14	69		41-149

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-05
Client ID: MW-3
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 11:15
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 06/25/21 17:24
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 06/25/21 03:11

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.01	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 205 PARK AVE. **Lab Number:** L2133428

Project Number: 12.0076834.10 **Report Date:** 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-05 Date Collected: 06/18/21 11:15

Client ID: MW-3 Date Received: 06/18/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	78		15-120
2,4,6-Tribromophenol	105		10-120
4-Terphenyl-d14	78		41-149

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-05
Client ID: MW-3
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 11:15
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 06/25/21 20:48
Analyst: SMB

Extraction Method: EPA 3510C
Extraction Date: 06/24/21 09:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	86.1	J	ng/l	134	30.3	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	47		15-110

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-05
Client ID: MW-3
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 11:15
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/02/21 14:02
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 06/28/21 16:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	9.52		ng/l	1.81	0.369	1
Perfluoropentanoic Acid (PFPeA)	20.5		ng/l	1.81	0.358	1
Perfluorobutanesulfonic Acid (PFBS)	6.75		ng/l	1.81	0.215	1
Perfluorohexanoic Acid (PFHxA)	18.2		ng/l	1.81	0.297	1
Perfluoroheptanoic Acid (PFHpA)	14.2		ng/l	1.81	0.204	1
Perfluorohexanesulfonic Acid (PFHxS)	6.28	F	ng/l	1.81	0.340	1
Perfluorooctanoic Acid (PFOA)	137		ng/l	1.81	0.213	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	10.5		ng/l	1.81	1.20	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.81	0.622	1
Perfluorononanoic Acid (PFNA)	1.49	J	ng/l	1.81	0.282	1
Perfluorooctanesulfonic Acid (PFOS)	15.6		ng/l	1.81	0.456	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.81	0.275	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.81	1.10	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.81	0.586	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.81	0.235	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.81	0.886	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.81	0.727	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.81	0.336	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.81	0.296	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.81	0.224	1
PFOA/PFOS, Total	153		ng/l	1.81	0.213	1

Project Name: 205 PARK AVE. **Lab Number:** L2133428

Project Number: 12.0076834.10 **Report Date:** 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-05 Date Collected: 06/18/21 11:15

Client ID: MW-3 Date Received: 06/18/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	100		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	103		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	**134**	Q	70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	99		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	104		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	132		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	100		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**188**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	105		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	131		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	102		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	152		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	75		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	114		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	101		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	109		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	108		22-136

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-05
Client ID: MW-3
Sample Location: BROOKLYN, NY

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/04/21 14:35
Analyst: SG

Date Collected: 06/18/21 11:15
Date Received: 06/18/21
Field Prep: Not Specified

Extraction Method: ALPHA 23528
Extraction Date: 06/28/21 16:20

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.81	0.524	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	60		10-112

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 06/25/21 17:44
Analyst: SMB

Extraction Method: EPA 3510C
Extraction Date: 06/24/21 09:00

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270D-SIM - Mansfield Lab for sample(s): 01,03-05 Batch: WG1516397-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	56		15-110

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/25/21 22:02
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/25/21 03:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-05 Batch: WG1516798-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/25/21 22:02
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/25/21 03:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-05 Batch: WG1516798-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/25/21 22:02
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/25/21 03:07

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01,03-05 Batch: WG1516798-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	81		21-120
Phenol-d6	65		10-120
Nitrobenzene-d5	95		23-120
2-Fluorobiphenyl	80		15-120
2,4,6-Tribromophenol	75		10-120
4-Terphenyl-d14	83		41-149

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 06/25/21 14:55
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 06/25/21 03:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01,03-05 Batch: WG1516799-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	0.09	J	ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	0.05	J	ug/l	0.10	0.01
Benzo(k)fluoranthene	0.04	J	ug/l	0.10	0.01
Chrysene	0.02	J	ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	0.06	J	ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	0.05	J	ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	0.06	J	ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 06/25/21 14:55
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 06/25/21 03:11

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01,03-05 Batch: WG1516799-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	53		21-120
Phenol-d6	44		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	71		15-120
2,4,6-Tribromophenol	87		10-120
4-Terphenyl-d14	70		41-149

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/02/21 11:33
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 06/28/21 16:20

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01,03-05 Batch: WG1517824-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	0.404	JF	ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/02/21 11:33
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 06/28/21 16:20

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01,03-05 Batch: WG1517824-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	127		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	131		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	**135**	Q	70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	128		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	127		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	131		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	129		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**163**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	128		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	131		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	122		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**180**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	114		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	131		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	35		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	117		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	124		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	120		22-136

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/04/21 14:07
Analyst: SG

Extraction Method: ALPHA 23528
Extraction Date: 06/28/21 16:20

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01,03-05 Batch: WG1517824-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	65		10-112

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2133428

Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270D-SIM - Mansfield Lab	Associated sample(s): 01,03-05		Batch: WG1516397-2		WG1516397-3			
1,4-Dioxane	100		100		40-140	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	56		58		15-110

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2133428

Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1516798-2 WG1516798-3								
Acenaphthene	86		78		37-111	10		30
1,2,4-Trichlorobenzene	84		74		39-98	13		30
Hexachlorobenzene	90		85		40-140	6		30
Bis(2-chloroethyl)ether	100		86		40-140	15		30
2-Chloronaphthalene	83		77		40-140	8		30
1,2-Dichlorobenzene	83		68		40-140	20		30
1,3-Dichlorobenzene	79		69		40-140	14		30
1,4-Dichlorobenzene	86		69		36-97	22		30
3,3'-Dichlorobenzidine	78		81		40-140	4		30
2,4-Dinitrotoluene	99		96		48-143	3		30
2,6-Dinitrotoluene	96		92		40-140	4		30
Fluoranthene	93		90		40-140	3		30
4-Chlorophenyl phenyl ether	91		85		40-140	7		30
4-Bromophenyl phenyl ether	91		86		40-140	6		30
Bis(2-chloroisopropyl)ether	128		110		40-140	15		30
Bis(2-chloroethoxy)methane	104		92		40-140	12		30
Hexachlorobutadiene	84		73		40-140	14		30
Hexachlorocyclopentadiene	90		74		40-140	20		30
Hexachloroethane	98		81		40-140	19		30
Isophorone	94		86		40-140	9		30
Naphthalene	82		72		40-140	13		30
Nitrobenzene	112		98		40-140	13		30
NDPA/DPA	90		86		40-140	5		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2133428

Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1516798-2 WG1516798-3								
n-Nitrosodi-n-propylamine	112		99		29-132	12		30
Bis(2-ethylhexyl)phthalate	107		99		40-140	8		30
Butyl benzyl phthalate	100		97		40-140	3		30
Di-n-butylphthalate	96		90		40-140	6		30
Di-n-octylphthalate	95		90		40-140	5		30
Diethyl phthalate	94		89		40-140	5		30
Dimethyl phthalate	84		84		40-140	0		30
Benzo(a)anthracene	92		93		40-140	1		30
Benzo(a)pyrene	93		95		40-140	2		30
Benzo(b)fluoranthene	92		90		40-140	2		30
Benzo(k)fluoranthene	94		95		40-140	1		30
Chrysene	96		95		40-140	1		30
Acenaphthylene	85		79		45-123	7		30
Anthracene	91		86		40-140	6		30
Benzo(ghi)perylene	86		87		40-140	1		30
Fluorene	87		83		40-140	5		30
Phenanthrene	88		85		40-140	3		30
Dibenzo(a,h)anthracene	85		92		40-140	8		30
Indeno(1,2,3-cd)pyrene	81		82		40-140	1		30
Pyrene	92		92		26-127	0		30
Biphenyl	85		78		40-140	9		30
4-Chloroaniline	54		72		40-140	29		30
2-Nitroaniline	97		94		52-143	3		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1516798-2 WG1516798-3								
3-Nitroaniline	80		84		25-145	5		30
4-Nitroaniline	92		93		51-143	1		30
Dibenzofuran	86		80		40-140	7		30
2-Methylnaphthalene	80		75		40-140	6		30
1,2,4,5-Tetrachlorobenzene	91		78		2-134	15		30
Acetophenone	87		77		39-129	12		30
2,4,6-Trichlorophenol	96		95		30-130	1		30
p-Chloro-m-cresol	**105**	Q	**103**	Q	23-97	2		30
2-Chlorophenol	97		88		27-123	10		30
2,4-Dichlorophenol	99		92		30-130	7		30
2,4-Dimethylphenol	67		74		30-130	10		30
2-Nitrophenol	111		97		30-130	13		30
4-Nitrophenol	**108**	Q	**108**	Q	10-80	0		30
2,4-Dinitrophenol	116		112		20-130	4		30
4,6-Dinitro-o-cresol	114		111		20-164	3		30
Pentachlorophenol	95		90		9-103	5		30
Phenol	83		75		12-110	10		30
2-Methylphenol	94		82		30-130	14		30
3-Methylphenol/4-Methylphenol	99		92		30-130	7		30
2,4,5-Trichlorophenol	101		92		30-130	9		30
Benzoic Acid	85		69		10-164	21		30
Benzyl Alcohol	100		88		26-116	13		30
Carbazole	96		89		55-144	8		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2133428

Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1516798-2 WG1516798-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	91		80		21-120
Phenol-d6	83		73		10-120
Nitrobenzene-d5	110		89		23-120
2-Fluorobiphenyl	80		75		15-120
2,4,6-Tribromophenol	95		89		10-120
4-Terphenyl-d14	92		89		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2133428

Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1516799-2 WG1516799-3								
Acenaphthene	69		74		40-140	7		40
2-Chloronaphthalene	70		75		40-140	7		40
Fluoranthene	72		79		40-140	9		40
Hexachlorobutadiene	81		87		40-140	7		40
Naphthalene	68		72		40-140	6		40
Benzo(a)anthracene	67		75		40-140	11		40
Benzo(a)pyrene	72		83		40-140	14		40
Benzo(b)fluoranthene	67		78		40-140	15		40
Benzo(k)fluoranthene	72		82		40-140	13		40
Chrysene	71		77		40-140	8		40
Acenaphthylene	68		74		40-140	8		40
Anthracene	73		78		40-140	7		40
Benzo(ghi)perylene	68		77		40-140	12		40
Fluorene	71		77		40-140	8		40
Phenanthrene	69		74		40-140	7		40
Dibenzo(a,h)anthracene	70		80		40-140	13		40
Indeno(1,2,3-cd)pyrene	67		78		40-140	15		40
Pyrene	72		79		40-140	9		40
2-Methylnaphthalene	69		73		40-140	6		40
Pentachlorophenol	73		81		40-140	10		40
Hexachlorobenzene	81		87		40-140	7		40
Hexachloroethane	72		76		40-140	5		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2133428

Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1516799-2 WG1516799-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	52		55		21-120
Phenol-d6	45		47		10-120
Nitrobenzene-d5	67		70		23-120
2-Fluorobiphenyl	65		69		15-120
2,4,6-Tribromophenol	87		100		10-120
4-Terphenyl-d14	64		69		41-149

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,03-05 Batch: WG1517824-2								
Perfluorobutanoic Acid (PFBA)	106		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	102		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	106		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	104		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	102		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	104		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	107		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	114		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	103		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	103		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	116		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	100		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	108		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	113		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	101		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	104		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	103		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	106		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	103		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	128		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	100		-		59-182	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,03-05 Batch: WG1517824-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	125				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	135				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	**136**	Q			70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	125				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	123				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	129				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	125				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**156**	Q			14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	126				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	130				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	123				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**164**	Q			10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	109				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	127				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	27				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	117				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	125				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	130				22-136

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,03-05 Batch: WG1517824-2								
Perfluorooctanesulfonamide (FOSA)	99		-		46-170	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	63				10-112

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,03-05 QC Batch ID: WG1517824-3 QC Sample: L2133160-01 Client ID: MS Sample												
Perfluorobutanoic Acid (PFBA)	4.15	39.3	46.4	107		-	-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	1.75J	39.3	43.1	105		-	-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	ND	34.9	38.5	110		-	-		65-157	-		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	36.8	47.3	129		-	-		37-219	-		30
Perfluorohexanoic Acid (PFHxA)	1.31J	39.3	43.1	106		-	-		69-168	-		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	36.9	44.0	119		-	-		52-156	-		30
Perfluoroheptanoic Acid (PFHpA)	0.879J	39.3	43.5	108		-	-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	35.9	40.8	114		-	-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	1.93	39.3	43.7	106		-	-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	37.4	44.4	119		-	-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	37.4	39.4	105		-	-		61-179	-		30
Perfluorononanoic Acid (PFNA)	0.522J	39.3	41.9	105		-	-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	ND	36.5	44.1	121		-	-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	ND	39.3	41.7	106		-	-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	37.7	43.0	114		-	-		56-173	-		30
Perfluorononanesulfonic Acid (PFNS)	ND	37.8	40.5	107		-	-		48-150	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	39.3	42.8	109		-	-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	ND	39.3	40.2	102		-	-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	ND	37.9	37.7	100		-	-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	ND	39.3	41.1	105		-	-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	39.3	43.2	110		-	-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	ND	39.3	42.3	108		-	-		67-153	-		30

Matrix Spike Analysis

Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,03-05 QC Batch ID: WG1517824-3 QC Sample: L2133160-01 Client ID: MS Sample												
Perfluorotridecanoic Acid (PFTrDA)	ND	39.3	48.9	124		-	-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	ND	39.3	41.5	106		-	-		59-182	-		30

Surrogate (Extracted Internal Standard)	MS % Recovery	MS Qualifier	MSD % Recovery	MSD Qualifier	Acceptance Criteria
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**481**	Q			10-162
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	**439**	Q			12-142
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**541**	Q			14-147
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**146**	Q			27-126
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**138**	Q			24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	114				55-137
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	109				62-124
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	86				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	89				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	122				71-134
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	108				48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	111				22-136
Perfluoro[13C4]Butanoic Acid (MPFBA)	115				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	99				62-163
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	29				10-112
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	127				69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	116				62-129
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	123				59-139
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	123				70-131

Lab Duplicate Analysis
Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,03-05 QC Batch ID: WG1517824-4 QC Sample: L2133160-02 Client ID: DUP Sample						
Perfluorobutanoic Acid (PFBA)	4.60	4.34	ng/l	6		30
Perfluoropentanoic Acid (PFPeA)	1.92	1.95J	ng/l	NC		30
Perfluorobutanesulfonic Acid (PFBS)	ND	ND	ng/l	NC		30
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2FTS)	ND	ND	ng/l	NC		30
Perfluorohexanoic Acid (PFHxA)	1.52J	1.44J	ng/l	NC		30
Perfluoropentanesulfonic Acid (PFPeS)	ND	ND	ng/l	NC		30
Perfluoroheptanoic Acid (PFHpA)	0.846J	0.882J	ng/l	NC		30
Perfluorohexanesulfonic Acid (PFHxS)	ND	ND	ng/l	NC		30
Perfluorooctanoic Acid (PFOA)	2.13	1.85J	ng/l	NC		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND	ND	ng/l	NC		30
Perfluoroheptanesulfonic Acid (PFHpS)	ND	ND	ng/l	NC		30
Perfluorononanoic Acid (PFNA)	0.613J	0.606J	ng/l	NC		30
Perfluorooctanesulfonic Acid (PFOS)	ND	ND	ng/l	NC		30
Perfluorodecanoic Acid (PFDA)	ND	ND	ng/l	NC		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND	ND	ng/l	NC		30
Perfluorononanesulfonic Acid (PFNS)	ND	ND	ng/l	NC		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND	ND	ng/l	NC		30
Perfluoroundecanoic Acid (PFUnA)	ND	ND	ng/l	NC		30
Perfluorodecanesulfonic Acid (PFDS)	ND	ND	ng/l	NC		30
Perfluorooctanesulfonamide (FOSA)	ND	ND	ng/l	NC		30

Lab Duplicate Analysis
Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,03-05 QC Batch ID: WG1517824-4 QC Sample: L2133160-02 Client ID: DUP Sample						
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND	ND	ng/l	NC		30
Perfluorododecanoic Acid (PFDoA)	ND	ND	ng/l	NC		30
Perfluorotridecanoic Acid (PFTrDA)	ND	ND	ng/l	NC		30
Perfluorotetradecanoic Acid (PFTA)	ND	ND	ng/l	NC		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	120		116		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	102		100		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	125		124		70-131
1H,1H,2H,2H-Perfluoro[1,2-13C2]Hexanesulfonic Acid (M2-4:2FTS)	**414**	Q	**423**	Q	12-142
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	88		88		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	94		91		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	130		126		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	122		117		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**500**	Q	**514**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	125		120		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	127		124		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	109		106		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	**476**	Q	**450**	Q	10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	**127**	Q	**123**	Q	24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	114		110		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	30		28		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	**140**	Q	**134**	Q	27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	107		106		48-131

Lab Duplicate Analysis
Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01,03-05 QC Batch ID: WG1517824-4 QC Sample: L2133160-02 Client ID: DUP Sample

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	104		99		22-136

PCBS

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-01
Client ID: FIELD BLANK
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 18:25
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 06/30/21 02:14
Analyst: KB

Extraction Method: EPA 3510C
Extraction Date: 06/26/21 08:27
Cleanup Method: EPA 3665A
Cleanup Date: 06/27/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	B
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	60		30-150	A
Decachlorobiphenyl	54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	66		30-150	B
Decachlorobiphenyl	54		30-150	B

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-03
Client ID: MW-1
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 15:55
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 07/01/21 12:55
Analyst: CW

Extraction Method: EPA 3510C
Extraction Date: 06/26/21 08:27
Cleanup Method: EPA 3665A
Cleanup Date: 06/27/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	0.087		ug/l	0.071	0.061	1	B
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	0.087		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	57		30-150	A
2,4,5,6-Tetrachloro-m-xylene	68		30-150	B
Decachlorobiphenyl	58		30-150	B

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-04
Client ID: MW-2
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 15:10
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 06/30/21 02:29
Analyst: KB

Extraction Method: EPA 3510C
Extraction Date: 06/26/21 08:27
Cleanup Method: EPA 3665A
Cleanup Date: 06/27/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	74		30-150	A
Decachlorobiphenyl	74		30-150	A
2,4,5,6-Tetrachloro-m-xylene	82		30-150	B
Decachlorobiphenyl	68		30-150	B

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-05
Client ID: MW-3
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 11:15
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 06/30/21 02:37
Analyst: KB

Extraction Method: EPA 3510C
Extraction Date: 06/26/21 08:27
Cleanup Method: EPA 3665A
Cleanup Date: 06/27/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	B
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	B

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	63		30-150	A
2,4,5,6-Tetrachloro-m-xylene	71		30-150	B
Decachlorobiphenyl	57		30-150	B

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/25/21 23:06
Analyst: CW

Extraction Method: EPA 3510C
Extraction Date: 06/25/21 15:16
Cleanup Method: EPA 3665A
Cleanup Date: 06/25/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/25/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01,03-05 Batch: WG1517093-1						
Aroclor 1016	ND		ug/l	0.036	0.031	A
Aroclor 1221	ND		ug/l	0.036	0.031	A
Aroclor 1232	ND		ug/l	0.036	0.031	A
Aroclor 1242	ND		ug/l	0.036	0.031	A
Aroclor 1248	ND		ug/l	0.036	0.031	A
Aroclor 1260	ND		ug/l	0.036	0.031	A
Aroclor 1262	ND		ug/l	0.036	0.031	A
Aroclor 1268	ND		ug/l	0.036	0.031	A
Aroclor 1254	ND		ug/l	0.036	0.031	B
PCBs, Total	ND		ug/l	0.036	0.031	B

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	31		30-150	A
Decachlorobiphenyl	36		30-150	A
2,4,5,6-Tetrachloro-m-xylene	33		30-150	B
Decachlorobiphenyl	40		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1517093-2 WG1517093-3									
Aroclor 1016	42		45		40-140	6		50	A
Aroclor 1260	43		46		40-140	7		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	38		41		30-150	A
Decachlorobiphenyl	49		50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	41		44		30-150	B
Decachlorobiphenyl	53		55		30-150	B

PESTICIDES

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-01
Client ID: FIELD BLANK
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 18:25
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 06/27/21 16:45
Analyst: AR

Extraction Method: EPA 3510C
Extraction Date: 06/25/21 10:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 205 PARK AVE.
Lab Number: L2133428
Project Number: 12.0076834.10
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-01
Client ID: FIELD BLANK
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 18:25
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	44		30-150	A
Decachlorobiphenyl	34		30-150	A
2,4,5,6-Tetrachloro-m-xylene	41		30-150	B
Decachlorobiphenyl	36		30-150	B

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-03
Client ID: MW-1
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 15:55
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 06/27/21 16:58
Analyst: AR

Extraction Method: EPA 3510C
Extraction Date: 06/25/21 10:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	0.015	J	ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 205 PARK AVE. **Lab Number:** L2133428

Project Number: 12.0076834.10 **Report Date:** 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-03 Date Collected: 06/18/21 15:55

Client ID: MW-1 Date Received: 06/18/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	40		30-150	A
Decachlorobiphenyl	39		30-150	A
2,4,5,6-Tetrachloro-m-xylene	39		30-150	B
Decachlorobiphenyl	44		30-150	B

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-04
Client ID: MW-2
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 15:10
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 06/27/21 17:10
Analyst: AR

Extraction Method: EPA 3510C
Extraction Date: 06/25/21 10:36

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	0.015	J	ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 205 PARK AVE.
Lab Number: L2133428
Project Number: 12.0076834.10
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-04
Client ID: MW-2
Sample Location: BROOKLYN, NY
Date Collected: 06/18/21 15:10
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	45		30-150	A
2,4,5,6-Tetrachloro-m-xylene	45		30-150	B
Decachlorobiphenyl	55		30-150	B

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-05
Client ID: MW-3
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 11:15
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 06/27/21 17:23
Analyst: AR

Extraction Method: EPA 3510C
Extraction Date: 06/25/21 09:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	0.007	J	ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 205 PARK AVE. **Lab Number:** L2133428

Project Number: 12.0076834.10 **Report Date:** 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-05 Date Collected: 06/18/21 11:15

Client ID: MW-3 Date Received: 06/18/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	34		30-150	A
Decachlorobiphenyl	30		30-150	A
2,4,5,6-Tetrachloro-m-xylene	31		30-150	B
Decachlorobiphenyl	31		30-150	B

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/01/21 13:15
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 06/25/21 09:25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03-05 Batch: WG1516923-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 07/01/21 13:15
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 06/25/21 09:25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01,03-05 Batch: WG1516923-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	33		30-150	A
Decachlorobiphenyl	34		30-150	A
2,4,5,6-Tetrachloro-m-xylene	30		30-150	B
Decachlorobiphenyl	35		30-150	B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2133428

Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1516923-2 WG1516923-3									
Delta-BHC	32		36		30-150	10		20	A
Lindane	34		38		30-150	11		20	A
Alpha-BHC	36		40		30-150	11		20	A
Beta-BHC	34		36		30-150	8		20	A
Heptachlor	35		40		30-150	14		20	A
Aldrin	34		36		30-150	8		20	A
Heptachlor epoxide	34		37		30-150	10		20	A
Endrin	36		39		30-150	8		20	A
Endrin aldehyde	33		34		30-150	5		20	A
Endrin ketone	36		39		30-150	8		20	A
Dieldrin	37		40		30-150	8		20	A
4,4'-DDE	36		39		30-150	6		20	A
4,4'-DDD	36		39		30-150	9		20	A
4,4'-DDT	33		36		30-150	10		20	A
Endosulfan I	33		36		30-150	8		20	A
Endosulfan II	35		38		30-150	8		20	A
Endosulfan sulfate	32		34		30-150	7		20	A
Methoxychlor	30		32		30-150	5		20	A
cis-Chlordane	31		33		30-150	6		20	A
trans-Chlordane	34		37		30-150	9		20	A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2133428

Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01,03-05 Batch: WG1516923-2 WG1516923-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	34		37		30-150	A
Decachlorobiphenyl	35		37		30-150	A
2,4,5,6-Tetrachloro-m-xylene	33		37		30-150	B
Decachlorobiphenyl	38		41		30-150	B

METALS

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-01
Client ID: FIELD BLANK
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 06/18/21 18:25
Date Received: 06/18/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	06/22/21 13:22	07/14/21 15:51	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/22/21 13:22	07/14/21 15:51	EPA 3005A	1,6020B	CD
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/22/21 13:22	07/14/21 15:51	EPA 3005A	1,6020B	CD
Barium, Total	0.00029	J	mg/l	0.00050	0.00017	1	06/22/21 13:22	07/14/21 15:51	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/22/21 13:22	07/14/21 15:51	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/22/21 13:22	07/14/21 15:51	EPA 3005A	1,6020B	CD
Calcium, Total	0.0576	J	mg/l	0.100	0.0394	1	06/22/21 13:22	07/14/21 15:51	EPA 3005A	1,6020B	CD
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/22/21 13:22	07/14/21 15:51	EPA 3005A	1,6020B	CD
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/22/21 13:22	07/14/21 15:51	EPA 3005A	1,6020B	CD
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/22/21 13:22	07/14/21 15:51	EPA 3005A	1,6020B	CD
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/22/21 13:22	07/14/21 15:51	EPA 3005A	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/22/21 13:22	07/14/21 15:51	EPA 3005A	1,6020B	CD
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/22/21 13:22	07/14/21 15:51	EPA 3005A	1,6020B	CD
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/22/21 13:22	07/14/21 15:51	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/22/21 13:55	06/25/21 09:19	EPA 7470A	1,7470A	NB
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/22/21 13:22	07/14/21 15:51	EPA 3005A	1,6020B	CD
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/22/21 13:22	07/14/21 15:51	EPA 3005A	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/22/21 13:22	07/14/21 15:51	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/22/21 13:22	07/14/21 15:51	EPA 3005A	1,6020B	CD
Sodium, Total	0.276		mg/l	0.100	0.0293	1	06/22/21 13:22	07/14/21 15:51	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/22/21 13:22	07/14/21 15:51	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/22/21 13:22	07/14/21 15:51	EPA 3005A	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/22/21 13:22	07/14/21 15:51	EPA 3005A	1,6020B	CD
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	06/24/21 10:20	07/14/21 14:50	EPA 3005A	1,6020B	CD
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	06/24/21 10:20	07/14/21 14:50	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	06/24/21 10:20	07/14/21 14:50	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.00020	J	mg/l	0.00050	0.00017	1	06/24/21 10:20	07/14/21 14:50	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	06/24/21 10:20	07/14/21 14:50	EPA 3005A	1,6020B	CD

Project Name: 205 PARK AVE.
Lab Number: L2133428
Project Number: 12.0076834.10
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-01
Client ID: FIELD BLANK
Sample Location: BROOKLYN, NY
Date Collected: 06/18/21 18:25
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	06/24/21 10:20	07/14/21 14:50	EPA 3005A	1,6020B	CD
Calcium, Dissolved	0.0524	J	mg/l	0.100	0.0394	1	06/24/21 10:20	07/14/21 14:50	EPA 3005A	1,6020B	CD
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	06/24/21 10:20	07/14/21 14:50	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	06/24/21 10:20	07/14/21 14:50	EPA 3005A	1,6020B	CD
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	06/24/21 10:20	07/14/21 14:50	EPA 3005A	1,6020B	CD
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	06/24/21 10:20	07/14/21 14:50	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	06/24/21 10:20	07/14/21 14:50	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	06/24/21 10:20	07/14/21 14:50	EPA 3005A	1,6020B	CD
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	06/24/21 10:20	07/14/21 14:50	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/24/21 11:06	06/25/21 08:51	EPA 7470A	1,7470A	NB
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	06/24/21 10:20	07/14/21 14:50	EPA 3005A	1,6020B	CD
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	06/24/21 10:20	07/14/21 14:50	EPA 3005A	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	06/24/21 10:20	07/14/21 14:50	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	06/24/21 10:20	07/14/21 14:50	EPA 3005A	1,6020B	CD
Sodium, Dissolved	0.329		mg/l	0.100	0.0293	1	06/24/21 10:20	07/14/21 14:50	EPA 3005A	1,6020B	CD
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	06/24/21 10:20	07/14/21 14:50	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	06/24/21 10:20	07/14/21 14:50	EPA 3005A	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	06/24/21 10:20	07/14/21 14:50	EPA 3005A	1,6020B	CD

Project Name: 205 PARK AVE.
Lab Number: L2133428
Project Number: 12.0076834.10
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-03
Client ID: MW-1
Sample Location: BROOKLYN, NY
Date Collected: 06/18/21 15:55
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.112		mg/l	0.0100	0.00327	1	06/22/21 13:22	07/14/21 16:25	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/22/21 13:22	07/14/21 16:25	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00026	J	mg/l	0.00050	0.00016	1	06/22/21 13:22	07/14/21 16:25	EPA 3005A	1,6020B	CD
Barium, Total	0.1830		mg/l	0.00050	0.00017	1	06/22/21 13:22	07/14/21 16:25	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/22/21 13:22	07/14/21 16:25	EPA 3005A	1,6020B	CD
Cadmium, Total	0.00006	J	mg/l	0.00020	0.00005	1	06/22/21 13:22	07/14/21 16:25	EPA 3005A	1,6020B	CD
Calcium, Total	66.5		mg/l	0.100	0.0394	1	06/22/21 13:22	07/14/21 16:25	EPA 3005A	1,6020B	CD
Chromium, Total	0.00253		mg/l	0.00100	0.00017	1	06/22/21 13:22	07/14/21 16:25	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00084		mg/l	0.00050	0.00016	1	06/22/21 13:22	07/14/21 16:25	EPA 3005A	1,6020B	CD
Copper, Total	0.00224		mg/l	0.00100	0.00038	1	06/22/21 13:22	07/14/21 16:25	EPA 3005A	1,6020B	CD
Iron, Total	0.275		mg/l	0.0500	0.0191	1	06/22/21 13:22	07/14/21 16:25	EPA 3005A	1,6020B	CD
Lead, Total	0.00066	J	mg/l	0.00100	0.00034	1	06/22/21 13:22	07/14/21 16:25	EPA 3005A	1,6020B	CD
Magnesium, Total	24.8		mg/l	0.0700	0.0242	1	06/22/21 13:22	07/14/21 16:25	EPA 3005A	1,6020B	CD
Manganese, Total	0.5098		mg/l	0.00100	0.00044	1	06/22/21 13:22	07/14/21 16:25	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/22/21 13:55	06/25/21 09:29	EPA 7470A	1,7470A	NB
Nickel, Total	0.00399		mg/l	0.00200	0.00055	1	06/22/21 13:22	07/14/21 16:25	EPA 3005A	1,6020B	CD
Potassium, Total	5.33		mg/l	0.100	0.0309	1	06/22/21 13:22	07/14/21 16:25	EPA 3005A	1,6020B	CD
Selenium, Total	0.00206	J	mg/l	0.00500	0.00173	1	06/22/21 13:22	07/14/21 16:25	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/22/21 13:22	07/14/21 16:25	EPA 3005A	1,6020B	CD
Sodium, Total	135.		mg/l	0.100	0.0293	1	06/22/21 13:22	07/14/21 16:25	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/22/21 13:22	07/14/21 16:25	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/22/21 13:22	07/14/21 16:25	EPA 3005A	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/22/21 13:22	07/14/21 16:25	EPA 3005A	1,6020B	CD
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00363	J	mg/l	0.0100	0.00327	1	06/24/21 10:20	07/14/21 15:24	EPA 3005A	1,6020B	CD
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	06/24/21 10:20	07/14/21 15:24	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00078		mg/l	0.00050	0.00016	1	06/24/21 10:20	07/14/21 15:24	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.1584		mg/l	0.00050	0.00017	1	06/24/21 10:20	07/14/21 15:24	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	06/24/21 10:20	07/14/21 15:24	EPA 3005A	1,6020B	CD

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-03
Client ID: MW-1
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water
Date Collected: 06/18/21 15:55
Date Received: 06/18/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	06/24/21 10:20	07/14/21 15:24	EPA 3005A	1,6020B	CD
Calcium, Dissolved	63.2		mg/l	0.100	0.0394	1	06/24/21 10:20	07/14/21 15:24	EPA 3005A	1,6020B	CD
Chromium, Dissolved	0.00167		mg/l	0.00100	0.00017	1	06/24/21 10:20	07/14/21 15:24	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	0.00050		mg/l	0.00050	0.00016	1	06/24/21 10:20	07/14/21 15:24	EPA 3005A	1,6020B	CD
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	06/24/21 10:20	07/14/21 15:24	EPA 3005A	1,6020B	CD
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	06/24/21 10:20	07/14/21 15:24	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	06/24/21 10:20	07/14/21 15:24	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	23.5		mg/l	0.0700	0.0242	1	06/24/21 10:20	07/14/21 15:24	EPA 3005A	1,6020B	CD
Manganese, Dissolved	0.4469		mg/l	0.00100	0.00044	1	06/24/21 10:20	07/14/21 15:24	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/24/21 11:06	06/25/21 08:41	EPA 7470A	1,7470A	NB
Nickel, Dissolved	0.00338		mg/l	0.00200	0.00055	1	06/24/21 10:20	07/14/21 15:24	EPA 3005A	1,6020B	CD
Potassium, Dissolved	4.98		mg/l	0.100	0.0309	1	06/24/21 10:20	07/14/21 15:24	EPA 3005A	1,6020B	CD
Selenium, Dissolved	0.00183	J	mg/l	0.00500	0.00173	1	06/24/21 10:20	07/14/21 15:24	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	06/24/21 10:20	07/14/21 15:24	EPA 3005A	1,6020B	CD
Sodium, Dissolved	128.		mg/l	0.100	0.0293	1	06/24/21 10:20	07/14/21 15:24	EPA 3005A	1,6020B	CD
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	06/24/21 10:20	07/14/21 15:24	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	06/24/21 10:20	07/14/21 15:24	EPA 3005A	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	06/24/21 10:20	07/14/21 15:24	EPA 3005A	1,6020B	CD

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-04
Client ID: MW-2
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 06/18/21 15:10
Date Received: 06/18/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0737		mg/l	0.0100	0.00327	1	06/22/21 13:22	07/14/21 17:23	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/22/21 13:22	07/14/21 17:23	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00031	J	mg/l	0.00050	0.00016	1	06/22/21 13:22	07/14/21 17:23	EPA 3005A	1,6020B	CD
Barium, Total	0.1040		mg/l	0.00050	0.00017	1	06/22/21 13:22	07/14/21 17:23	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/22/21 13:22	07/14/21 17:23	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/22/21 13:22	07/14/21 17:23	EPA 3005A	1,6020B	CD
Calcium, Total	89.3		mg/l	0.100	0.0394	1	06/22/21 13:22	07/14/21 17:23	EPA 3005A	1,6020B	CD
Chromium, Total	0.00233		mg/l	0.00100	0.00017	1	06/22/21 13:22	07/14/21 17:23	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00089		mg/l	0.00050	0.00016	1	06/22/21 13:22	07/14/21 17:23	EPA 3005A	1,6020B	CD
Copper, Total	0.00044	J	mg/l	0.00100	0.00038	1	06/22/21 13:22	07/14/21 17:23	EPA 3005A	1,6020B	CD
Iron, Total	0.156		mg/l	0.0500	0.0191	1	06/22/21 13:22	07/14/21 17:23	EPA 3005A	1,6020B	CD
Lead, Total	0.00045	J	mg/l	0.00100	0.00034	1	06/22/21 13:22	07/14/21 17:23	EPA 3005A	1,6020B	CD
Magnesium, Total	26.7		mg/l	0.0700	0.0242	1	06/22/21 13:22	07/14/21 17:23	EPA 3005A	1,6020B	CD
Manganese, Total	0.3375		mg/l	0.00100	0.00044	1	06/22/21 13:22	07/14/21 17:23	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/22/21 13:55	06/25/21 09:32	EPA 7470A	1,7470A	NB
Nickel, Total	0.01319		mg/l	0.00200	0.00055	1	06/22/21 13:22	07/14/21 17:23	EPA 3005A	1,6020B	CD
Potassium, Total	5.52		mg/l	0.100	0.0309	1	06/22/21 13:22	07/14/21 17:23	EPA 3005A	1,6020B	CD
Selenium, Total	0.00274	J	mg/l	0.00500	0.00173	1	06/22/21 13:22	07/14/21 17:23	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/22/21 13:22	07/14/21 17:23	EPA 3005A	1,6020B	CD
Sodium, Total	188.		mg/l	0.100	0.0293	1	06/22/21 13:22	07/14/21 17:23	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/22/21 13:22	07/14/21 17:23	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/22/21 13:22	07/14/21 17:23	EPA 3005A	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/22/21 13:22	07/14/21 17:23	EPA 3005A	1,6020B	CD
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.0159		mg/l	0.0100	0.00327	1	06/24/21 10:20	07/14/21 16:16	EPA 3005A	1,6020B	CD
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	06/24/21 10:20	07/14/21 16:16	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00020	J	mg/l	0.00050	0.00016	1	06/24/21 10:20	07/14/21 16:16	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.09738		mg/l	0.00050	0.00017	1	06/24/21 10:20	07/14/21 16:16	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	06/24/21 10:20	07/14/21 16:16	EPA 3005A	1,6020B	CD

Project Name: 205 PARK AVE.
Lab Number: L2133428
Project Number: 12.0076834.10
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-04
Client ID: MW-2
Sample Location: BROOKLYN, NY
Date Collected: 06/18/21 15:10
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	06/24/21 10:20	07/14/21 16:16	EPA 3005A	1,6020B	CD
Calcium, Dissolved	81.7		mg/l	0.100	0.0394	1	06/24/21 10:20	07/14/21 16:16	EPA 3005A	1,6020B	CD
Chromium, Dissolved	0.00124		mg/l	0.00100	0.00017	1	06/24/21 10:20	07/14/21 16:16	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	0.00048	J	mg/l	0.00050	0.00016	1	06/24/21 10:20	07/14/21 16:16	EPA 3005A	1,6020B	CD
Copper, Dissolved	0.00040	J	mg/l	0.00100	0.00038	1	06/24/21 10:20	07/14/21 16:16	EPA 3005A	1,6020B	CD
Iron, Dissolved	0.0718		mg/l	0.0500	0.0191	1	06/24/21 10:20	07/14/21 16:16	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	06/24/21 10:20	07/14/21 16:16	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	25.2		mg/l	0.0700	0.0242	1	06/24/21 10:20	07/14/21 16:16	EPA 3005A	1,6020B	CD
Manganese, Dissolved	0.3036		mg/l	0.00100	0.00044	1	06/24/21 10:20	07/14/21 16:16	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/24/21 11:06	06/25/21 08:54	EPA 7470A	1,7470A	NB
Nickel, Dissolved	0.01239		mg/l	0.00200	0.00055	1	06/24/21 10:20	07/14/21 16:16	EPA 3005A	1,6020B	CD
Potassium, Dissolved	4.87		mg/l	0.100	0.0309	1	06/24/21 10:20	07/14/21 16:16	EPA 3005A	1,6020B	CD
Selenium, Dissolved	0.00243	J	mg/l	0.00500	0.00173	1	06/24/21 10:20	07/14/21 16:16	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	06/24/21 10:20	07/14/21 16:16	EPA 3005A	1,6020B	CD
Sodium, Dissolved	176.		mg/l	0.100	0.0293	1	06/24/21 10:20	07/14/21 16:16	EPA 3005A	1,6020B	CD
Thallium, Dissolved	0.00034	J	mg/l	0.00100	0.00014	1	06/24/21 10:20	07/14/21 16:16	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	06/24/21 10:20	07/14/21 16:16	EPA 3005A	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	06/24/21 10:20	07/14/21 16:16	EPA 3005A	1,6020B	CD

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2133428
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-05
Client ID: MW-3
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 06/18/21 11:15
Date Received: 06/18/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.0911		mg/l	0.0100	0.00327	1	06/22/21 13:22	07/14/21 17:28	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/22/21 13:22	07/14/21 17:28	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00028	J	mg/l	0.00050	0.00016	1	06/22/21 13:22	07/14/21 17:28	EPA 3005A	1,6020B	CD
Barium, Total	0.08161		mg/l	0.00050	0.00017	1	06/22/21 13:22	07/14/21 17:28	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/22/21 13:22	07/14/21 17:28	EPA 3005A	1,6020B	CD
Cadmium, Total	0.00010	J	mg/l	0.00020	0.00005	1	06/22/21 13:22	07/14/21 17:28	EPA 3005A	1,6020B	CD
Calcium, Total	88.0		mg/l	0.100	0.0394	1	06/22/21 13:22	07/14/21 17:28	EPA 3005A	1,6020B	CD
Chromium, Total	0.00167		mg/l	0.00100	0.00017	1	06/22/21 13:22	07/14/21 17:28	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00075		mg/l	0.00050	0.00016	1	06/22/21 13:22	07/14/21 17:28	EPA 3005A	1,6020B	CD
Copper, Total	0.00060	J	mg/l	0.00100	0.00038	1	06/22/21 13:22	07/14/21 17:28	EPA 3005A	1,6020B	CD
Iron, Total	0.228		mg/l	0.0500	0.0191	1	06/22/21 13:22	07/14/21 17:28	EPA 3005A	1,6020B	CD
Lead, Total	0.00053	J	mg/l	0.00100	0.00034	1	06/22/21 13:22	07/14/21 17:28	EPA 3005A	1,6020B	CD
Magnesium, Total	34.5		mg/l	0.0700	0.0242	1	06/22/21 13:22	07/14/21 17:28	EPA 3005A	1,6020B	CD
Manganese, Total	0.3970		mg/l	0.00100	0.00044	1	06/22/21 13:22	07/14/21 17:28	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/22/21 13:55	06/25/21 09:35	EPA 7470A	1,7470A	NB
Nickel, Total	0.01026		mg/l	0.00200	0.00055	1	06/22/21 13:22	07/14/21 17:28	EPA 3005A	1,6020B	CD
Potassium, Total	6.74		mg/l	0.100	0.0309	1	06/22/21 13:22	07/14/21 17:28	EPA 3005A	1,6020B	CD
Selenium, Total	0.00270	J	mg/l	0.00500	0.00173	1	06/22/21 13:22	07/14/21 17:28	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/22/21 13:22	07/14/21 17:28	EPA 3005A	1,6020B	CD
Sodium, Total	179.		mg/l	0.100	0.0293	1	06/22/21 13:22	07/14/21 17:28	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/22/21 13:22	07/14/21 17:28	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/22/21 13:22	07/14/21 17:28	EPA 3005A	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/22/21 13:22	07/14/21 17:28	EPA 3005A	1,6020B	CD
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00575	J	mg/l	0.0100	0.00327	1	06/24/21 10:20	07/14/21 16:20	EPA 3005A	1,6020B	CD
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	06/24/21 10:20	07/14/21 16:20	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00017	J	mg/l	0.00050	0.00016	1	06/24/21 10:20	07/14/21 16:20	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.07677		mg/l	0.00050	0.00017	1	06/24/21 10:20	07/14/21 16:20	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	06/24/21 10:20	07/14/21 16:20	EPA 3005A	1,6020B	CD

Project Name: 205 PARK AVE.
Lab Number: L2133428
Project Number: 12.0076834.10
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133428-05
Client ID: MW-3
Sample Location: BROOKLYN, NY
Date Collected: 06/18/21 11:15
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00008	J	mg/l	0.00020	0.00005	1	06/24/21 10:20	07/14/21 16:20	EPA 3005A	1,6020B	CD
Calcium, Dissolved	81.4		mg/l	0.100	0.0394	1	06/24/21 10:20	07/14/21 16:20	EPA 3005A	1,6020B	CD
Chromium, Dissolved	0.00121		mg/l	0.00100	0.00017	1	06/24/21 10:20	07/14/21 16:20	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	0.00039	J	mg/l	0.00050	0.00016	1	06/24/21 10:20	07/14/21 16:20	EPA 3005A	1,6020B	CD
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	06/24/21 10:20	07/14/21 16:20	EPA 3005A	1,6020B	CD
Iron, Dissolved	0.0376	J	mg/l	0.0500	0.0191	1	06/24/21 10:20	07/14/21 16:20	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	06/24/21 10:20	07/14/21 16:20	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	34.0		mg/l	0.0700	0.0242	1	06/24/21 10:20	07/14/21 16:20	EPA 3005A	1,6020B	CD
Manganese, Dissolved	0.3498		mg/l	0.00100	0.00044	1	06/24/21 10:20	07/14/21 16:20	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/24/21 11:06	06/25/21 08:57	EPA 7470A	1,7470A	NB
Nickel, Dissolved	0.00881		mg/l	0.00200	0.00055	1	06/24/21 10:20	07/14/21 16:20	EPA 3005A	1,6020B	CD
Potassium, Dissolved	6.11		mg/l	0.100	0.0309	1	06/24/21 10:20	07/14/21 16:20	EPA 3005A	1,6020B	CD
Selenium, Dissolved	0.00251	J	mg/l	0.00500	0.00173	1	06/24/21 10:20	07/14/21 16:20	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	06/24/21 10:20	07/14/21 16:20	EPA 3005A	1,6020B	CD
Sodium, Dissolved	174.		mg/l	0.100	0.0293	1	06/24/21 10:20	07/14/21 16:20	EPA 3005A	1,6020B	CD
Thallium, Dissolved	0.00017	J	mg/l	0.00100	0.00014	1	06/24/21 10:20	07/14/21 16:20	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	06/24/21 10:20	07/14/21 16:20	EPA 3005A	1,6020B	CD
Zinc, Dissolved	0.00440	J	mg/l	0.01000	0.00341	1	06/24/21 10:20	07/14/21 16:20	EPA 3005A	1,6020B	CD

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2133428
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03-05 Batch: WG1515060-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	06/22/21 13:22	07/14/21 15:42	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/22/21 13:22	07/14/21 15:42	1,6020B	CD
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/22/21 13:22	07/14/21 15:42	1,6020B	CD
Barium, Total	ND		mg/l	0.00050	0.00017	1	06/22/21 13:22	07/14/21 15:42	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/22/21 13:22	07/14/21 15:42	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/22/21 13:22	07/14/21 15:42	1,6020B	CD
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/22/21 13:22	07/14/21 15:42	1,6020B	CD
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/22/21 13:22	07/14/21 15:42	1,6020B	CD
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/22/21 13:22	07/14/21 15:42	1,6020B	CD
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/22/21 13:22	07/14/21 15:42	1,6020B	CD
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/22/21 13:22	07/14/21 15:42	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/22/21 13:22	07/14/21 15:42	1,6020B	CD
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/22/21 13:22	07/14/21 15:42	1,6020B	CD
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/22/21 13:22	07/14/21 15:42	1,6020B	CD
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/22/21 13:22	07/14/21 15:42	1,6020B	CD
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/22/21 13:22	07/14/21 15:42	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/22/21 13:22	07/14/21 15:42	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/22/21 13:22	07/14/21 15:42	1,6020B	CD
Sodium, Total	ND		mg/l	0.100	0.0293	1	06/22/21 13:22	07/14/21 15:42	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/22/21 13:22	07/14/21 15:42	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/22/21 13:22	07/14/21 15:42	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/22/21 13:22	07/14/21 15:42	1,6020B	CD

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01,03-05 Batch: WG1515061-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/22/21 13:55	06/25/21 09:12	1,7470A	NB

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2133428
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01,03-05 Batch: WG1515062-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	06/24/21 10:20	07/14/21 14:41	1,6020B	CD
Antimony, Dissolved	0.00063	J	mg/l	0.00400	0.00042	1	06/24/21 10:20	07/14/21 14:41	1,6020B	CD
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	06/24/21 10:20	07/14/21 14:41	1,6020B	CD
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	06/24/21 10:20	07/14/21 14:41	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	06/24/21 10:20	07/14/21 14:41	1,6020B	CD
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	06/24/21 10:20	07/14/21 14:41	1,6020B	CD
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	06/24/21 10:20	07/14/21 14:41	1,6020B	CD
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	06/24/21 10:20	07/14/21 14:41	1,6020B	CD
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	06/24/21 10:20	07/14/21 14:41	1,6020B	CD
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	06/24/21 10:20	07/14/21 14:41	1,6020B	CD
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	06/24/21 10:20	07/14/21 14:41	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	06/24/21 10:20	07/14/21 14:41	1,6020B	CD
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	06/24/21 10:20	07/14/21 14:41	1,6020B	CD
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	06/24/21 10:20	07/14/21 14:41	1,6020B	CD
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	06/24/21 10:20	07/14/21 14:41	1,6020B	CD
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	06/24/21 10:20	07/14/21 14:41	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	06/24/21 10:20	07/14/21 14:41	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	06/24/21 10:20	07/14/21 14:41	1,6020B	CD
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	06/24/21 10:20	07/14/21 14:41	1,6020B	CD
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	06/24/21 10:20	07/14/21 14:41	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	06/24/21 10:20	07/14/21 14:41	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	06/24/21 10:20	07/14/21 14:41	1,6020B	CD

Prep Information

Digestion Method: EPA 3005A

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10
Lab Number: L2133428
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01,03-05 Batch: WG1515063-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/24/21 11:06	06/25/21 08:34	1,7470A	NB

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2133428

Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03-05 Batch: WG1515060-2								
Aluminum, Total	102		-		80-120	-		
Antimony, Total	88		-		80-120	-		
Arsenic, Total	104		-		80-120	-		
Barium, Total	105		-		80-120	-		
Beryllium, Total	103		-		80-120	-		
Cadmium, Total	112		-		80-120	-		
Calcium, Total	98		-		80-120	-		
Chromium, Total	98		-		80-120	-		
Cobalt, Total	99		-		80-120	-		
Copper, Total	100		-		80-120	-		
Iron, Total	99		-		80-120	-		
Lead, Total	109		-		80-120	-		
Magnesium, Total	103		-		80-120	-		
Manganese, Total	97		-		80-120	-		
Nickel, Total	95		-		80-120	-		
Potassium, Total	100		-		80-120	-		
Selenium, Total	108		-		80-120	-		
Silver, Total	104		-		80-120	-		
Sodium, Total	102		-		80-120	-		
Thallium, Total	111		-		80-120	-		
Vanadium, Total	96		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2133428

Report Date: 07/19/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03-05 Batch: WG1515060-2					
Zinc, Total	108	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01,03-05 Batch: WG1515061-2					
Mercury, Total	92	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2133428

Report Date: 07/19/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01,03-05 Batch: WG1515062-2					
Aluminum, Dissolved	92	-	80-120	-	
Antimony, Dissolved	96	-	80-120	-	
Arsenic, Dissolved	104	-	80-120	-	
Barium, Dissolved	95	-	80-120	-	
Beryllium, Dissolved	95	-	80-120	-	
Cadmium, Dissolved	102	-	80-120	-	
Calcium, Dissolved	85	-	80-120	-	
Chromium, Dissolved	90	-	80-120	-	
Cobalt, Dissolved	90	-	80-120	-	
Copper, Dissolved	91	-	80-120	-	
Iron, Dissolved	88	-	80-120	-	
Lead, Dissolved	101	-	80-120	-	
Magnesium, Dissolved	99	-	80-120	-	
Manganese, Dissolved	87	-	80-120	-	
Nickel, Dissolved	86	-	80-120	-	
Potassium, Dissolved	96	-	80-120	-	
Selenium, Dissolved	95	-	80-120	-	
Silver, Dissolved	95	-	80-120	-	
Sodium, Dissolved	92	-	80-120	-	
Thallium, Dissolved	102	-	80-120	-	
Vanadium, Dissolved	88	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2133428

Report Date: 07/19/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01,03-05 Batch: WG1515062-2					
Zinc, Dissolved	98	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01,03-05 Batch: WG1515063-2					
Mercury, Dissolved	99	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03-05 QC Batch ID: WG1515060-3 QC Sample: L2133428-01 Client ID: FIELD BLANK												
Aluminum, Total	ND	2	2.07	104		-	-		75-125	-		20
Antimony, Total	ND	0.5	0.4343	87		-	-		75-125	-		20
Arsenic, Total	ND	0.12	0.1100	92		-	-		75-125	-		20
Barium, Total	0.00029J	2	2.130	106		-	-		75-125	-		20
Beryllium, Total	ND	0.05	0.05140	103		-	-		75-125	-		20
Cadmium, Total	ND	0.053	0.05944	112		-	-		75-125	-		20
Calcium, Total	0.0576J	10	9.08	91		-	-		75-125	-		20
Chromium, Total	ND	0.2	0.1978	99		-	-		75-125	-		20
Cobalt, Total	ND	0.5	0.4910	98		-	-		75-125	-		20
Copper, Total	ND	0.25	0.2430	97		-	-		75-125	-		20
Iron, Total	ND	1	0.952	95		-	-		75-125	-		20
Lead, Total	ND	0.53	0.5823	110		-	-		75-125	-		20
Magnesium, Total	ND	10	10.4	104		-	-		75-125	-		20
Manganese, Total	ND	0.5	0.4911	98		-	-		75-125	-		20
Nickel, Total	ND	0.5	0.4676	94		-	-		75-125	-		20
Potassium, Total	ND	10	10.3	103		-	-		75-125	-		20
Selenium, Total	ND	0.12	0.134	112		-	-		75-125	-		20
Silver, Total	ND	0.05	0.05223	104		-	-		75-125	-		20
Sodium, Total	0.276	10	10.4	101		-	-		75-125	-		20
Thallium, Total	ND	0.12	0.1361	113		-	-		75-125	-		20
Vanadium, Total	ND	0.5	0.4780	96		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03-05 QC Batch ID: WG1515060-3 QC Sample: L2133428-01 Client ID: FIELD BLANK									
Zinc, Total	ND	0.5	0.5276	106	-	-	75-125	-	20
Total Metals - Mansfield Lab Associated sample(s): 01,03-05 QC Batch ID: WG1515061-3 QC Sample: L2133428-01 Client ID: FIELD BLANK									
Mercury, Total	ND	0.005	0.00466	93	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01,03-05 QC Batch ID: WG1515062-3 QC Sample: L2133428-01 Client ID: FIELD BLANK									
Aluminum, Dissolved	ND	2	1.89	94	-	-	75-125	-	20
Antimony, Dissolved	ND	0.5	0.3869	77	-	-	75-125	-	20
Arsenic, Dissolved	ND	0.12	0.09018	75	-	-	75-125	-	20
Barium, Dissolved	0.00020J	2	1.946	97	-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.04838	97	-	-	75-125	-	20
Cadmium, Dissolved	ND	0.053	0.05511	104	-	-	75-125	-	20
Calcium, Dissolved	0.0524J	10	8.03	80	-	-	75-125	-	20
Chromium, Dissolved	ND	0.2	0.1844	92	-	-	75-125	-	20
Cobalt, Dissolved	ND	0.5	0.4628	92	-	-	75-125	-	20
Copper, Dissolved	ND	0.25	0.2316	93	-	-	75-125	-	20
Iron, Dissolved	ND	1	0.929	93	-	-	75-125	-	20
Lead, Dissolved	ND	0.53	0.5368	101	-	-	75-125	-	20
Magnesium, Dissolved	ND	10	9.81	98	-	-	75-125	-	20
Manganese, Dissolved	ND	0.5	0.4552	91	-	-	75-125	-	20
Nickel, Dissolved	ND	0.5	0.4402	88	-	-	75-125	-	20
Potassium, Dissolved	ND	10	9.37	94	-	-	75-125	-	20
Selenium, Dissolved	ND	0.12	0.120	100	-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.04827	96	-	-	75-125	-	20
Sodium, Dissolved	0.329	10	9.26	89	-	-	75-125	-	20
Thallium, Dissolved	ND	0.12	0.1248	104	-	-	75-125	-	20
Vanadium, Dissolved	ND	0.5	0.4413	88	-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01,03-05 QC Batch ID: WG1515062-3 QC Sample: L2133428-01 Client ID: FIELD BLANK									
Zinc, Dissolved	ND	0.5	0.4939	99	-	-	75-125	-	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01,03-05 QC Batch ID: WG1515063-3 QC Sample: L2133428-03 Client ID: MW-1									
Mercury, Dissolved	ND	0.005	0.00487	97	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2133428

Report Date: 07/19/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03-05 QC Batch ID: WG1515060-4 QC Sample: L2133428-01 Client ID: FIELD BLANK						
Aluminum, Total	ND	ND	mg/l	NC		20
Antimony, Total	ND	ND	mg/l	NC		20
Arsenic, Total	ND	ND	mg/l	NC		20
Barium, Total	0.00029J	0.00033J	mg/l	NC		20
Beryllium, Total	ND	ND	mg/l	NC		20
Cadmium, Total	ND	ND	mg/l	NC		20
Calcium, Total	0.0576J	ND	mg/l	NC		20
Chromium, Total	ND	ND	mg/l	NC		20
Cobalt, Total	ND	ND	mg/l	NC		20
Copper, Total	ND	ND	mg/l	NC		20
Iron, Total	ND	ND	mg/l	NC		20
Lead, Total	ND	ND	mg/l	NC		20
Magnesium, Total	ND	ND	mg/l	NC		20
Manganese, Total	ND	ND	mg/l	NC		20
Nickel, Total	ND	ND	mg/l	NC		20
Potassium, Total	ND	ND	mg/l	NC		20
Selenium, Total	ND	ND	mg/l	NC		20
Silver, Total	ND	ND	mg/l	NC		20
Sodium, Total	0.276	0.268	mg/l	3		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2133428

Report Date: 07/19/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01,03-05 QC Batch ID: WG1515060-4 QC Sample: L2133428-01 Client ID: FIELD BLANK					
Thallium, Total	ND	ND	mg/l	NC	20
Vanadium, Total	ND	ND	mg/l	NC	20
Zinc, Total	ND	ND	mg/l	NC	20
Total Metals - Mansfield Lab Associated sample(s): 01,03-05 QC Batch ID: WG1515061-4 QC Sample: L2133428-01 Client ID: FIELD BLANK					
Mercury, Total	ND	ND	mg/l	NC	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2133428

Report Date: 07/19/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01,03-05 QC Batch ID: WG1515062-4 QC Sample: L2133428-01 Client ID: FIELD BLANK					
Aluminum, Dissolved	ND	ND	mg/l	NC	20
Antimony, Dissolved	ND	ND	mg/l	NC	20
Arsenic, Dissolved	ND	ND	mg/l	NC	20
Barium, Dissolved	0.00020J	0.00023J	mg/l	NC	20
Beryllium, Dissolved	ND	ND	mg/l	NC	20
Cadmium, Dissolved	ND	ND	mg/l	NC	20
Calcium, Dissolved	0.0524J	0.0404J	mg/l	NC	20
Chromium, Dissolved	ND	ND	mg/l	NC	20
Cobalt, Dissolved	ND	ND	mg/l	NC	20
Copper, Dissolved	ND	ND	mg/l	NC	20
Iron, Dissolved	ND	ND	mg/l	NC	20
Lead, Dissolved	ND	ND	mg/l	NC	20
Magnesium, Dissolved	ND	ND	mg/l	NC	20
Manganese, Dissolved	ND	ND	mg/l	NC	20
Nickel, Dissolved	ND	ND	mg/l	NC	20
Potassium, Dissolved	ND	ND	mg/l	NC	20
Selenium, Dissolved	ND	ND	mg/l	NC	20
Silver, Dissolved	ND	ND	mg/l	NC	20
Sodium, Dissolved	0.329	0.332	mg/l	1	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 205 PARK AVE.

Project Number: 12.0076834.10

Lab Number: L2133428

Report Date: 07/19/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01,03-05 QC Batch ID: WG1515062-4 QC Sample: L2133428-01 Client ID: FIELD BLANK					
Thallium, Dissolved	ND	ND	mg/l	NC	20
Vanadium, Dissolved	ND	ND	mg/l	NC	20
Zinc, Dissolved	ND	ND	mg/l	NC	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01,03-05 QC Batch ID: WG1515063-4 QC Sample: L2133428-03 Client ID: MW-1					
Mercury, Dissolved	ND	ND	mg/l	NC	20

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent
C	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2133428-01A	Plastic 250ml unpreserved	A	NA		2.5	Y	Absent		A2-NY-537-ISOTOPE(14)
L2133428-01B	Plastic 250ml unpreserved	B	7	7	4.0	Y	Absent		-
L2133428-01C	Plastic 250ml HNO3 preserved	B	<2	<2	4.0	Y	Absent		SE-6020T(180),FE-6020T(180),TL-6020T(180),BA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),ZN-6020T(180),CU-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),HG-T(28),AL-6020T(180),AG-6020T(180),CD-6020T(180),MG-6020T(180),CO-6020T(180)
L2133428-01D	Amber 120ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8082-LVI(365)
L2133428-01E	Amber 120ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8082-LVI(365)
L2133428-01F	Amber 120ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8081(7)
L2133428-01G	Amber 120ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8081(7)
L2133428-01H	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2133428-01I	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2133428-01J	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2133428-01K	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2133428-01L	Vial HCl preserved	C	NA		3.1	Y	Absent		NYTCL-8260(14)
L2133428-01M	Vial HCl preserved	C	NA		3.1	Y	Absent		NYTCL-8260(14)
L2133428-01N	Vial HCl preserved	C	NA		3.1	Y	Absent		NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2133428-01X	Plastic 120ml HNO3 preserved Filtrates	B	NA		4.0	Y	Absent		V-6020S(180),CU-6020S(180),SE-6020S(180),K-6020S(180),MN-6020S(180),BE-6020S(180),ZN-6020S(180),CO-6020S(180),MG-6020S(180),CA-6020S(180),FE-6020S(180),CR-6020S(180),TL-6020S(180),BA-6020S(180),PB-6020S(180),NA-6020S(180),NI-6020S(180),AG-6020S(180),SB-6020S(180),AS-6020S(180),CD-6020S(180),AL-6020S(180),HG-S(28)
L2133428-02A	Vial HCl preserved	C	NA		3.1	Y	Absent		NYTCL-8260(14)
L2133428-02B	Vial HCl preserved	C	NA		3.1	Y	Absent		NYTCL-8260(14)
L2133428-03A	Plastic 250ml unpreserved	A	NA		2.5	Y	Absent		A2-NY-537-ISOTOPE(14)
L2133428-03B	Plastic 250ml unpreserved	B	7	7	4.0	Y	Absent		-
L2133428-03C	Plastic 250ml HNO3 preserved	B	<2	<2	4.0	Y	Absent		FE-6020T(180),TL-6020T(180),BA-6020T(180),SE-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),CA-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),AS-6020T(180),V-6020T(180),AL-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2133428-03D	Amber 120ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8082-LVI(365)
L2133428-03E	Amber 120ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8082-LVI(365)
L2133428-03F	Amber 120ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8081(7)
L2133428-03G	Amber 120ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8081(7)
L2133428-03H	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2133428-03I	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2133428-03J	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2133428-03K	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2133428-03L	Vial HCl preserved	C	NA		3.1	Y	Absent		NYTCL-8260(14)
L2133428-03M	Vial HCl preserved	C	NA		3.1	Y	Absent		NYTCL-8260(14)
L2133428-03N	Vial HCl preserved	C	NA		3.1	Y	Absent		NYTCL-8260(14)
L2133428-03O	Plastic 250ml unpreserved	A	NA		2.5	Y	Absent		A2-NY-537-ISOTOPE(14)

*Values in parentheses indicate holding time in days

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2133428-03X	Plastic 120ml HNO3 preserved Filtrates	B	NA		4.0	Y	Absent		K-6020S(180),SE-6020S(180),V-6020S(180),CU-6020S(180),MN-6020S(180),ZN-6020S(180),CO-6020S(180),BE-6020S(180),MG-6020S(180),FE-6020S(180),CA-6020S(180),CR-6020S(180),PB-6020S(180),BA-6020S(180),TL-6020S(180),NI-6020S(180),NA-6020S(180),AG-6020S(180),SB-6020S(180),AS-6020S(180),AL-6020S(180),HG-S(28),CD-6020S(180)
L2133428-04A	Plastic 250ml unpreserved	A	NA		2.5	Y	Absent		A2-NY-537-ISOTOPE(14)
L2133428-04B	Plastic 250ml unpreserved	B	7	7	4.0	Y	Absent		-
L2133428-04C	Plastic 250ml HNO3 preserved	B	<2	<2	4.0	Y	Absent		SE-6020T(180),BA-6020T(180),TL-6020T(180),FE-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),HG-T(28),AL-6020T(180),CD-6020T(180),MG-6020T(180),AG-6020T(180),CO-6020T(180)
L2133428-04D	Amber 120ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8082-LVI(365)
L2133428-04E	Amber 120ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8082-LVI(365)
L2133428-04F	Amber 120ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8081(7)
L2133428-04G	Amber 120ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8081(7)
L2133428-04H	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2133428-04I	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2133428-04J	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2133428-04K	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2133428-04L	Vial HCl preserved	C	NA		3.1	Y	Absent		NYTCL-8260(14)
L2133428-04M	Vial HCl preserved	C	NA		3.1	Y	Absent		NYTCL-8260(14)
L2133428-04N	Vial HCl preserved	C	NA		3.1	Y	Absent		NYTCL-8260(14)
L2133428-04O	Plastic 250ml unpreserved	A	NA		2.5	Y	Absent		A2-NY-537-ISOTOPE(14)

*Values in parentheses indicate holding time in days

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2133428-04X	Plastic 120ml HNO3 preserved Filtrates	B	NA		4.0	Y	Absent		V-6020S(180),SE-6020S(180),K-6020S(180),CU-6020S(180),MN-6020S(180),BE-6020S(180),MG-6020S(180),ZN-6020S(180),CO-6020S(180),CA-6020S(180),FE-6020S(180),CR-6020S(180),NA-6020S(180),PB-6020S(180),NI-6020S(180),BA-6020S(180),TL-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2133428-05A	Plastic 250ml unpreserved	A	NA		2.5	Y	Absent		A2-NY-537-ISOTOPE(14)
L2133428-05B	Plastic 250ml unpreserved	B	7	7	4.0	Y	Absent		-
L2133428-05C	Plastic 250ml HNO3 preserved	B	<2	<2	4.0	Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),FE-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CR-6020T(180),CU-6020T(180),ZN-6020T(180),NA-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AL-6020T(180),MG-6020T(180),CD-6020T(180),AG-6020T(180),HG-T(28),CO-6020T(180)
L2133428-05D	Amber 120ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8082-LVI(365)
L2133428-05E	Amber 120ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8082-LVI(365)
L2133428-05F	Amber 120ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8081(7)
L2133428-05G	Amber 120ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8081(7)
L2133428-05H	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2133428-05I	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2133428-05J	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2133428-05K	Amber 250ml unpreserved	B	7	7	4.0	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2133428-05L	Vial HCl preserved	C	NA		3.1	Y	Absent		NYTCL-8260(14)
L2133428-05M	Vial HCl preserved	C	NA		3.1	Y	Absent		NYTCL-8260(14)
L2133428-05N	Vial HCl preserved	C	NA		3.1	Y	Absent		NYTCL-8260(14)
L2133428-05O	Plastic 250ml unpreserved	A	NA		2.5	Y	Absent		A2-NY-537-ISOTOPE(14)

*Values in parentheses indicate holding time in days

Project Name: 205 PARK AVE.
Project Number: 12.0076834.10

Lab Number: L2133428
Report Date: 07/19/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2133428-05X	Plastic 120ml HNO3 preserved Filtrates	B	NA		4.0	Y	Absent		K-6020S(180),SE-6020S(180),CU-6020S(180),V-6020S(180),MN-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),BE-6020S(180),CA-6020S(180),CR-6020S(180),FE-6020S(180),BA-6020S(180),TL-6020S(180),NA-6020S(180),NI-6020S(180),PB-6020S(180),AS-6020S(180),SB-6020S(180),AG-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)

*Values in parentheses indicate holding time in days

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PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

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GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	205 PARK AVE.	**Lab Number:**	L2133428
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Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

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

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

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Data Qualifiers

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Project Name:	205 PARK AVE.	**Lab Number:**	L2133428
Project Number:	12.0076834.10	**Report Date:**	07/19/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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

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

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

ALPHA ANALYTICAL

NEW YORK CHAIN OF CUSTODY

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

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

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 6/19/21

ALPHA Job #: L2133428

Client Information
Client: GZA
Address: 55 Lane Road, Suite 401
Fairfield NJ
Phone: 973-274-3300
Fax:
Email: Zhan.Shu@gza.com

Project Information
Project Name: 205 Park Ave
Project Location: Brooklyn, NY
Project #: 12.0076834.10
(Use Project name as Project #) ☐
Project Manager: Zhan Shu
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement
☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information
☒ Same as Client Info
PO #

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
1,4-Dioxan = isotope dilution Email Zhan Shu for data deliverables and regulatory requirements

Please specify Metals or TAL.

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs (8260)	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	Total and Dissolved TAL Metals (6010/7470)	1,4-Dioxane (8260)	PFAs (537)	
33428-01	Field Blank	6/18	18:25	FB	LD	X	X	X	X	X	X	X	
-02	Trip Blank	6/17	—	TB	KR	X							
-03	MW-1	6/18	15:55	GW	PB	X	X	X	X	X	X	X	
-04	MW-2	6/18	15:10	GW	LD	X	X	X	X	X	X	X	
-05	MW-3	6/18	11:15	GW	LD	X	X	X	X	X	X	X	

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

Total Bottle

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type									
Preservative									

Relinquished By:	Date/Time	Received By:	Date/Time
Paul Burger	6/18/21 18:45	AAL	06/18/21 18:40
AAL	6/18/21 20:25	AAL	6/18/21 21:00
AAL	6/19/21 00:30		6/19/21 00:30

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2133448
Client:	GZA GeoEnvironmental, Inc. 55 Lane Road Suite 407 Fairfield, NJ 07004
ATTN:	Zhan Shu
Phone:	(201) 744-0118
Project Name:	205 PARK AVE
Project Number:	12.0076834.10
Report Date:	06/24/21

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

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

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2133448
Report Date: 06/24/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2133448-01	AA-1	AIR	BROOKLYN, NY	06/18/21 12:05	06/18/21
L2133448-02	SV-2	SOIL_VAPOR	BROOKLYN, NY	06/18/21 12:32	06/18/21

Project Name:	205 PARK AVE	**Lab Number:**	L2133448
Project Number:	12.0076834.10	**Report Date:**	06/24/21

Case Narrative

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

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

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

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

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

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

Project Name:	205 PARK AVE	**Lab Number:**	L2133448
Project Number:	12.0076834.10	**Report Date:**	06/24/21

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on June 11, 2021. The canister certification results are provided as an addendum.

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

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 06/24/21

AIR

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2133448
Report Date: 06/24/21

SAMPLE RESULTS

Lab ID: L2133448-01
Client ID: AA-1
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 12:05
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 06/22/21 17:46
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.462	0.200	--	2.28	0.989	--		1
Chloromethane	0.509	0.200	--	1.05	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	8.26	5.00	--	15.6	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	5.80	1.00	--	13.8	2.38	--		1
Trichlorofluoromethane	0.220	0.200	--	1.24	1.12	--		1
Isopropanol	0.793	0.500	--	1.95	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2133448
Report Date: 06/24/21

SAMPLE RESULTS

Lab ID: L2133448-01
Client ID: AA-1
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 12:05
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.252	0.200	--	0.888	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.346	0.200	--	1.30	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2133448
Report Date: 06/24/21

SAMPLE RESULTS

Lab ID: L2133448-01
Client ID: AA-1
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 12:05
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	98		60-140

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2133448
Report Date: 06/24/21

SAMPLE RESULTS

Lab ID: L2133448-02
Client ID: SV-2
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 12:32
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 06/23/21 20:01
Analyst: TS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.385	0.200	--	1.90	0.989	--		1
Chloromethane	0.201	0.200	--	0.415	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.831	0.200	--	1.84	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	77.6	5.00	--	146	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	29.6	1.00	--	70.3	2.38	--		1
Trichlorofluoromethane	0.248	0.200	--	1.39	1.12	--		1
Isopropanol	1.34	0.500	--	3.29	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	23.8	0.500	--	72.1	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.468	0.200	--	1.46	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	3.12	0.500	--	9.20	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2133448
Report Date: 06/24/21

SAMPLE RESULTS

Lab ID: L2133448-02
Client ID: SV-2
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 12:32
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	46.5	0.200	--	227	0.977	--		1
Tetrahydrofuran	0.985	0.500	--	2.91	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	22.2	0.200	--	78.2	0.705	--		1
1,1,1-Trichloroethane	0.221	0.200	--	1.21	1.09	--		1
Benzene	1.77	0.200	--	5.65	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	1.49	0.200	--	5.13	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	1.03	0.200	--	5.54	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	3.24	0.200	--	13.3	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.723	0.500	--	2.96	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	3.25	0.200	--	12.2	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	17.6	0.200	--	119	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.809	0.200	--	3.51	0.869	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2133448
Report Date: 06/24/21

SAMPLE RESULTS

Lab ID: L2133448-02
Client ID: SV-2
Sample Location: BROOKLYN, NY

Date Collected: 06/18/21 12:32
Date Received: 06/18/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	1.94	0.400	--	8.43	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.297	0.200	--	1.26	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.895	0.200	--	3.89	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	0.293	0.200	--	1.44	0.983	--		1
1,2,4-Trimethylbenzene	1.33	0.200	--	6.54	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	2.38	0.200	--	14.3	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	102		60-140
chlorobenzene-d5	109		60-140

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2133448
Report Date: 06/24/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 06/22/21 15:05

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1515522-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2133448
Report Date: 06/24/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 06/22/21 15:05

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1515522-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2133448
Report Date: 06/24/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 06/22/21 15:05

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG1515522-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2133448
Report Date: 06/24/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 06/23/21 14:39

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 02 Batch: WG1516137-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2133448
Report Date: 06/24/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 06/23/21 14:39

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 02 Batch: WG1516137-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 205 PARK AVE
Project Number: 12.0076834.10
Lab Number: L2133448
Report Date: 06/24/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 06/23/21 14:39

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 02 Batch: WG1516137-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2133448

Report Date: 06/24/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1515522-3								
Dichlorodifluoromethane	85		-		70-130	-		
Chloromethane	90		-		70-130	-		
Freon-114	88		-		70-130	-		
Vinyl chloride	89		-		70-130	-		
1,3-Butadiene	99		-		70-130	-		
Bromomethane	94		-		70-130	-		
Chloroethane	91		-		70-130	-		
Ethanol	89		-		40-160	-		
Vinyl bromide	90		-		70-130	-		
Acetone	72		-		40-160	-		
Trichlorofluoromethane	107		-		70-130	-		
Isopropanol	75		-		40-160	-		
1,1-Dichloroethene	96		-		70-130	-		
Tertiary butyl Alcohol	86		-		70-130	-		
Methylene chloride	100		-		70-130	-		
3-Chloropropene	98		-		70-130	-		
Carbon disulfide	91		-		70-130	-		
Freon-113	92		-		70-130	-		
trans-1,2-Dichloroethene	86		-		70-130	-		
1,1-Dichloroethane	90		-		70-130	-		
Methyl tert butyl ether	90		-		70-130	-		
2-Butanone	95		-		70-130	-		
cis-1,2-Dichloroethene	97		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2133448
Report Date: 06/24/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1515522-3								
Ethyl Acetate	94		-		70-130	-		
Chloroform	99		-		70-130	-		
Tetrahydrofuran	92		-		70-130	-		
1,2-Dichloroethane	100		-		70-130	-		
n-Hexane	100		-		70-130	-		
1,1,1-Trichloroethane	111		-		70-130	-		
Benzene	99		-		70-130	-		
Carbon tetrachloride	117		-		70-130	-		
Cyclohexane	102		-		70-130	-		
1,2-Dichloropropane	101		-		70-130	-		
Bromodichloromethane	111		-		70-130	-		
1,4-Dioxane	103		-		70-130	-		
Trichloroethene	102		-		70-130	-		
2,2,4-Trimethylpentane	104		-		70-130	-		
Heptane	107		-		70-130	-		
cis-1,3-Dichloropropene	112		-		70-130	-		
4-Methyl-2-pentanone	107		-		70-130	-		
trans-1,3-Dichloropropene	99		-		70-130	-		
1,1,2-Trichloroethane	100		-		70-130	-		
Toluene	92		-		70-130	-		
2-Hexanone	97		-		70-130	-		
Dibromochloromethane	108		-		70-130	-		
1,2-Dibromoethane	92		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2133448
Report Date: 06/24/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG1515522-3								
Tetrachloroethene	90		-		70-130	-		
Chlorobenzene	91		-		70-130	-		
Ethylbenzene	98		-		70-130	-		
p/m-Xylene	99		-		70-130	-		
Bromoform	110		-		70-130	-		
Styrene	96		-		70-130	-		
1,1,2,2-Tetrachloroethane	100		-		70-130	-		
o-Xylene	104		-		70-130	-		
4-Ethyltoluene	100		-		70-130	-		
1,3,5-Trimethylbenzene	111		-		70-130	-		
1,2,4-Trimethylbenzene	108		-		70-130	-		
Benzyl chloride	115		-		70-130	-		
1,3-Dichlorobenzene	102		-		70-130	-		
1,4-Dichlorobenzene	99		-		70-130	-		
1,2-Dichlorobenzene	102		-		70-130	-		
1,2,4-Trichlorobenzene	115		-		70-130	-		
Hexachlorobutadiene	115		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2133448

Report Date: 06/24/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 02 Batch: WG1516137-3								
Dichlorodifluoromethane	96		-		70-130	-		
Chloromethane	105		-		70-130	-		
Freon-114	94		-		70-130	-		
Vinyl chloride	87		-		70-130	-		
1,3-Butadiene	97		-		70-130	-		
Bromomethane	87		-		70-130	-		
Chloroethane	85		-		70-130	-		
Ethanol	125		-		40-160	-		
Vinyl bromide	83		-		70-130	-		
Acetone	71		-		40-160	-		
Trichlorofluoromethane	89		-		70-130	-		
Isopropanol	72		-		40-160	-		
1,1-Dichloroethene	88		-		70-130	-		
Tertiary butyl Alcohol	77		-		70-130	-		
Methylene chloride	101		-		70-130	-		
3-Chloropropene	90		-		70-130	-		
Carbon disulfide	86		-		70-130	-		
Freon-113	88		-		70-130	-		
trans-1,2-Dichloroethene	86		-		70-130	-		
1,1-Dichloroethane	88		-		70-130	-		
Methyl tert butyl ether	91		-		70-130	-		
2-Butanone	99		-		70-130	-		
cis-1,2-Dichloroethene	89		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2133448
Report Date: 06/24/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 02 Batch: WG1516137-3								
Ethyl Acetate	92		-		70-130	-		
Chloroform	89		-		70-130	-		
Tetrahydrofuran	96		-		70-130	-		
1,2-Dichloroethane	87		-		70-130	-		
n-Hexane	97		-		70-130	-		
1,1,1-Trichloroethane	130		-		70-130	-		
Benzene	98		-		70-130	-		
Carbon tetrachloride	98		-		70-130	-		
Cyclohexane	99		-		70-130	-		
1,2-Dichloropropane	103		-		70-130	-		
Bromodichloromethane	103		-		70-130	-		
1,4-Dioxane	95		-		70-130	-		
Trichloroethene	104		-		70-130	-		
2,2,4-Trimethylpentane	103		-		70-130	-		
Heptane	113		-		70-130	-		
cis-1,3-Dichloropropene	110		-		70-130	-		
4-Methyl-2-pentanone	116		-		70-130	-		
trans-1,3-Dichloropropene	95		-		70-130	-		
1,1,2-Trichloroethane	108		-		70-130	-		
Toluene	94		-		70-130	-		
2-Hexanone	102		-		70-130	-		
Dibromochloromethane	102		-		70-130	-		
1,2-Dibromoethane	97		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVE

Project Number: 12.0076834.10

Lab Number: L2133448

Report Date: 06/24/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 02 Batch: WG1516137-3								
Tetrachloroethene	92		-		70-130	-		
Chlorobenzene	93		-		70-130	-		
Ethylbenzene	96		-		70-130	-		
p/m-Xylene	98		-		70-130	-		
Bromoform	101		-		70-130	-		
Styrene	95		-		70-130	-		
1,1,2,2-Tetrachloroethane	98		-		70-130	-		
o-Xylene	98		-		70-130	-		
4-Ethyltoluene	93		-		70-130	-		
1,3,5-Trimethylbenzene	91		-		70-130	-		
1,2,4-Trimethylbenzene	96		-		70-130	-		
Benzyl chloride	96		-		70-130	-		
1,3-Dichlorobenzene	94		-		70-130	-		
1,4-Dichlorobenzene	91		-		70-130	-		
1,2-Dichlorobenzene	92		-		70-130	-		
1,2,4-Trichlorobenzene	89		-		70-130	-		
Hexachlorobutadiene	94		-		70-130	-		

Project Name: 205 PARK AVE

Lab Number: L2133448

Project Number: 12.0076834.10

Report Date: 06/24/21

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2133448-01	AA-1	01541	Flow 3	06/16/21	355650		-	-	-	Pass	18.0	17.4	3
L2133448-01	AA-1	2017	2.7L Can	06/11/21	355247	L2130502-01	Pass	-29.5	-4.9	-	-	-	-
L2133448-02	SV-2	01876	SV20	06/11/21	355247		-	-	-	Pass	18.7	16.9	10
L2133448-02	SV-2	249	2.7L Can	06/11/21	355247	L2130502-05	Pass	-29.4	-5.3	-	-	-	-

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

Lab Number: L2130502
Report Date: 06/24/21

Air Canister Certification Results

Lab ID: L2130502-01
Client ID: CAN 2333 SHELF 3
Sample Location:

Date Collected: 06/07/21 16:00
Date Received: 06/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 06/08/21 21:56
Analyst: EW

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2130502
Report Date: 06/24/21

Air Canister Certification Results

Lab ID: L2130502-01
Client ID: CAN 2333 SHELF 3
Sample Location:

Date Collected: 06/07/21 16:00
Date Received: 06/08/21
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2130502
Report Date: 06/24/21

Air Canister Certification Results

Lab ID: L2130502-01
Client ID: CAN 2333 SHELF 3
Sample Location:

Date Collected: 06/07/21 16:00
Date Received: 06/08/21
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2130502
Report Date: 06/24/21

Air Canister Certification Results

Lab ID: L2130502-01
Client ID: CAN 2333 SHELF 3
Sample Location:

Date Collected: 06/07/21 16:00
Date Received: 06/08/21
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2130502
Report Date: 06/24/21

Air Canister Certification Results

Lab ID: L2130502-01
Client ID: CAN 2333 SHELF 3
Sample Location:

Date Collected: 06/07/21 16:00
Date Received: 06/08/21
Field Prep: Not Specified

Sample Depth:

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

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	113		60-140
chlorobenzene-d5	99		60-140

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

Lab Number: L2130502
Report Date: 06/24/21

Air Canister Certification Results

Lab ID: L2130502-01
Client ID: CAN 2333 SHELF 3
Sample Location:

Date Collected: 06/07/21 16:00
Date Received: 06/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 06/08/21 21:56
Analyst: EW

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2130502
Report Date: 06/24/21

Air Canister Certification Results

Lab ID: L2130502-01
Client ID: CAN 2333 SHELF 3
Sample Location:

Date Collected: 06/07/21 16:00
Date Received: 06/08/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

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

Lab Number: L2130502
Report Date: 06/24/21

Air Canister Certification Results

Lab ID: L2130502-01
Client ID: CAN 2333 SHELF 3
Sample Location:

Date Collected: 06/07/21 16:00
Date Received: 06/08/21
Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	104		60-140
bromochloromethane	112		60-140
chlorobenzene-d5	112		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2130502
Report Date: 06/24/21

Air Canister Certification Results

Lab ID: L2130502-05
Client ID: CAN 2242 SHELF 8
Sample Location:

Date Collected: 06/08/21 07:00
Date Received: 06/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 06/09/21 00:31
Analyst: EW

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2130502
Report Date: 06/24/21

Air Canister Certification Results

Lab ID: L2130502-05
Client ID: CAN 2242 SHELF 8
Sample Location:

Date Collected: 06/08/21 07:00
Date Received: 06/08/21
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2130502
Report Date: 06/24/21

Air Canister Certification Results

Lab ID: L2130502-05
Client ID: CAN 2242 SHELF 8
Sample Location:

Date Collected: 06/08/21 07:00
Date Received: 06/08/21
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2130502
Report Date: 06/24/21

Air Canister Certification Results

Lab ID: L2130502-05
Client ID: CAN 2242 SHELF 8
Sample Location:

Date Collected: 06/08/21 07:00
Date Received: 06/08/21
Field Prep: Not Specified

Sample Depth:

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2130502
Report Date: 06/24/21

Air Canister Certification Results

Lab ID: L2130502-05
Client ID: CAN 2242 SHELF 8
Sample Location:

Date Collected: 06/08/21 07:00
Date Received: 06/08/21
Field Prep: Not Specified

Sample Depth:

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

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	111		60-140
chlorobenzene-d5	98		60-140

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2130502

Project Number: CANISTER QC BAT **Report Date:** 06/24/21

Air Canister Certification Results

Lab ID: L2130502-05
Client ID: CAN 2242 SHELF 8
Sample Location:

Date Collected: 06/08/21 07:00
Date Received: 06/08/21
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 06/09/21 00:31
Analyst: EW

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2130502
Report Date: 06/24/21

Air Canister Certification Results

Lab ID: L2130502-05
Client ID: CAN 2242 SHELF 8
Sample Location:

Date Collected: 06/08/21 07:00
Date Received: 06/08/21
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.050	--	ND	0.188	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2130502
Report Date: 06/24/21

Air Canister Certification Results

Lab ID: L2130502-05
Client ID: CAN 2242 SHELF 8
Sample Location:

Date Collected: 06/08/21 07:00
Date Received: 06/08/21
Field Prep: Not Specified

Sample Depth:

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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	101		60-140
bromochloromethane	108		60-140
chlorobenzene-d5	112		60-140

Project Name: 205 PARK AVE
Project Number: 12.0076834.10

Lab Number: L2133448
Report Date: 06/24/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2133448-01A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2133448-02A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	205 PARK AVE	**Lab Number:**	L2133448
Project Number:	12.0076834.10	**Report Date:**	06/24/21

GLOSSARY

Acronyms

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

Report Format: Data Usability Report

Project Name:	205 PARK AVE	**Lab Number:**	L2133448
Project Number:	12.0076834.10	**Report Date:**	06/24/21

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

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

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

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

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where

Report Format: Data Usability Report

Project Name:	205 PARK AVE	**Lab Number:**	L2133448
Project Number:	12.0076834.10	**Report Date:**	06/24/21

Data Qualifiers

the identification is based on a mass spectral library search.

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: Data Usability Report

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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

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

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

Alpha Analytical
320 Forbes Blvd
Mansfield, MA 02048-1806
Tel: 508-822-9300
Fax: 508-822-3288

AIR Chain-of-Custody - NJ

Date Rec'd in Lab: 6/19/21 | ALPHA Job#: L2133448

1 of 1 COCs

Client Contact Information

Company: GZA
Address: 55 Lane Road
City/State/Zip: Fairfield, NJ
Phone: 973-774-3300
FAX:
Email: zhan.shu@gza.com
Site Contact:
Site Contact Phone:

Project Information

Project Name: 205 Park Ave
Project No: 12.0076834.10
Site/Location: Brooklyn, NY
Project Manager: Zhan Shu

Analysis Turn-Around Time

Standard (Specify) X
Rush (Specify)

NJ DEP Information

Bureau: Division: Contract No:

Report Information - Data Deliverables:

☐ FAX:
☐ ADEx ☐ Criteria Checker:
☒ EMail (standard pdf report)

Billing Information

☒ Same as Client Info PO #:

ALPHA LAB ID (Lab Use Only)	Sample Identification	Sample Date(s)	Time Start (24 hr clock)	Time Stop (24 hr clock)	Canister Pressure in Field (Hg) (Start)	Canister Pressure in Field (Hg) (Stop)	Interior Temp. (F) (Start)	Interior Temp. (F) (Stop)	Outgoing Canister Pressure (Hg) (Note1)	Incoming Canister Pressure (Hg) (Note 2)	Flow Reg. ID	Can ID	Can Size (L)	Flow Controller Readout (ml/min) (Note1)	Batch Cert ID (Note 1)	Analysis: TO-15	Analysis: EPA 3C	Matrix: Indoor / Ambient Air	Matrix: Soil Gas
33448-01	AA-1	6/18	10:00	12:05	-29.80	-4.25	76°	80°			01541	2417	2.7	18.0		X		X	
02	SV-2	6/18	11:17	13:32	-30.33	-4.47	78°	81°			01876	249	2.7	18.7		X			X

Custody Seals:
Outgoing Seal No: NA (refer to crate seal)
Incoming Seal No: (if applicable)

Temperature (Fahrenheit)

	Ambient	Maximum	Minimum	
Start				
Stop				

Individual Preparing Canister/Containers and Laboratory Canister Certification
Name: Stacy Barbarita
Signature:

Pressure (inches of Hg)

	Ambient	Maximum	Minimum	
Start				
Stop				

Footnotes:
(1) Refer to equipment tags for these readings.
(2) Readings provided in data deliverable package.

Special Instructions/QC Requirements & Comments:
Email zhan.shu@gza.com for reporting criteria/deliverables in addition to standard pdf report

Canisters Shipped by:	Date/Time:	Canisters Received by: Paul Boyce	Date/Time:
Samples Relinquished by: Paul Boyce	Date/Time: 6/18/21 18:30	Received by: AAL	Date/Time: 06/18/21 18:33
Relinquished by: AAL	Date/Time: 6/18/21 20:25	Received by:	Date/Time: 6/18/21 2300
6/19/21 0355		6/19/21 0355	

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

Note: Combined External Chain of Custody and NJDEP Field Test Data Sheet

ANALYTICAL REPORT

Lab Number:	L2133901
Client:	GZA GeoEnvironmental, Inc. 55 Lane Road Suite 407 Fairfield, NJ 07004
ATTN:	Zhan Shu
Phone:	(201) 744-0118
Project Name:	205 PARK AVENUE
Project Number:	12.0076834.10
Report Date:	07/19/21

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0574), IL (200077), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #P330-17-00196).

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2133901-01	MW-4	WATER	BROOKLYN, NY	06/22/21 14:30	06/22/21
L2133901-02	MW-5	WATER	BROOKLYN, NY	06/22/21 15:30	06/22/21
L2133901-03	MW-6	WATER	BROOKLYN, NY	06/22/21 10:55	06/22/21
L2133901-04	DUP-1	WATER	BROOKLYN, NY	06/22/21 11:10	06/22/21

Project Name:	205 PARK AVENUE	**Lab Number:**	L2133901
Project Number:	12.0076834.10	**Report Date:**	07/19/21

Case Narrative

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

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

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

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

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

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

Project Name: 205 PARK AVENUE **Lab Number:** L2133901
Project Number: 12.0076834.10 **Report Date:** 07/19/21

Case Narrative (continued)

Report Submission

July 19, 2021: This final report includes the results of all requested analyses.

July 15, 2021: This is a preliminary report.

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

Perfluorinated Alkyl Acids by Isotope Dilution

L2133901-01 through -04: The MeOH fraction of the extraction is reported for Perfluorooctanesulfonamide (FOSA) due to better extraction efficiency of the M8FOSA Surrogate (Extracted Internal Standard).

L2133901-01 through -04, WG1518196-1, and WG1518196-2: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.

Dissolved Metals

The WG1516532-3 MS recovery for sodium (0%), performed on L2133901-01, does not apply because the sample concentration is greater than four times the spike amount added.

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

Authorized Signature: Kelly Stenstrom

Title: Technical Director/Representative Date: 07/19/21

ORGANICS

VOLATILES

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-01
Client ID: MW-4
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 14:30
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/02/21 14:43
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	8.2		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	5.3		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVENUE **Lab Number:** L2133901

Project Number: 12.0076834.10 **Report Date:** 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-01 Date Collected: 06/22/21 14:30

Client ID: MW-4 Date Received: 06/22/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.32	J	ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-01
Client ID: MW-4
Sample Location: BROOKLYN, NY
Date Collected: 06/22/21 14:30
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	102		70-130

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-02
Client ID: MW-5
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 15:30
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/02/21 15:06
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	3.0		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	11		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVENUE **Lab Number:** L2133901

Project Number: 12.0076834.10 **Report Date:** 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-02 Date Collected: 06/22/21 15:30

Client ID: MW-5 Date Received: 06/22/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.69		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-02
Client ID: MW-5
Sample Location: BROOKLYN, NY
Date Collected: 06/22/21 15:30
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	100		70-130

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-03
Client ID: MW-6
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 10:55
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/02/21 15:29
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	2.2	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	18		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVENUE **Lab Number:** L2133901

Project Number: 12.0076834.10 **Report Date:** 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-03 Date Collected: 06/22/21 10:55

Client ID: MW-6 Date Received: 06/22/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.81		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-03
Client ID: MW-6
Sample Location: BROOKLYN, NY
Date Collected: 06/22/21 10:55
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	101		70-130

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-04
Client ID: DUP-1
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 11:10
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 07/02/21 15:52
Analyst: AJK

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	2.2	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	18		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVENUE **Lab Number:** L2133901

Project Number: 12.0076834.10 **Report Date:** 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-04 Date Collected: 06/22/21 11:10

Client ID: DUP-1 Date Received: 06/22/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Trichloroethene	0.80		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	ND		ug/l	2.5	0.70	1

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-04
Client ID: DUP-1
Sample Location: BROOKLYN, NY
Date Collected: 06/22/21 11:10
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	61.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	105		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	100		70-130
Dibromofluoromethane	101		70-130

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/02/21 08:56
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1519926-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/02/21 08:56
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1519926-5					
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 07/02/21 08:56
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1519926-5					
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
1,4-Dioxane	ND		ug/l	250	61.
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.54
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	100		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	101		70-130
Dibromofluoromethane	101		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1519926-3 WG1519926-4								
Methylene chloride	100		100		70-130	0		20
1,1-Dichloroethane	110		110		70-130	0		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	110		110		63-132	0		20
1,2-Dichloropropane	100		110		70-130	10		20
Dibromochloromethane	93		96		63-130	3		20
1,1,2-Trichloroethane	93		94		70-130	1		20
Tetrachloroethene	98		100		70-130	2		20
Chlorobenzene	96		98		75-130	2		20
Trichlorofluoromethane	120		120		62-150	0		20
1,2-Dichloroethane	110		110		70-130	0		20
1,1,1-Trichloroethane	110		110		67-130	0		20
Bromodichloromethane	100		100		67-130	0		20
trans-1,3-Dichloropropene	92		95		70-130	3		20
cis-1,3-Dichloropropene	99		100		70-130	1		20
1,1-Dichloropropene	110		110		70-130	0		20
Bromoform	84		87		54-136	4		20
1,1,2,2-Tetrachloroethane	94		96		67-130	2		20
Benzene	100		100		70-130	0		20
Toluene	96		98		70-130	2		20
Ethylbenzene	98		98		70-130	0		20
Chloromethane	120		120		64-130	0		20
Bromomethane	86		91		39-139	6		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2133901

Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1519926-3 WG1519926-4								
Vinyl chloride	110		120		55-140	9		20
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	110		110		61-145	0		20
trans-1,2-Dichloroethene	110		110		70-130	0		20
Trichloroethene	100		110		70-130	10		20
1,2-Dichlorobenzene	91		94		70-130	3		20
1,3-Dichlorobenzene	91		93		70-130	2		20
1,4-Dichlorobenzene	91		93		70-130	2		20
Methyl tert butyl ether	96		97		63-130	1		20
p/m-Xylene	95		95		70-130	0		20
o-Xylene	95		95		70-130	0		20
cis-1,2-Dichloroethene	100		110		70-130	10		20
Dibromomethane	99		100		70-130	1		20
1,2,3-Trichloropropane	91		92		64-130	1		20
Acrylonitrile	98		98		70-130	0		20
Styrene	90		90		70-130	0		20
Dichlorodifluoromethane	120		120		36-147	0		20
Acetone	92		90		58-148	2		20
Carbon disulfide	110		110		51-130	0		20
2-Butanone	87		87		63-138	0		20
Vinyl acetate	130		130		70-130	0		20
4-Methyl-2-pentanone	87		90		59-130	3		20
2-Hexanone	85		85		57-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2133901

Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1519926-3 WG1519926-4								
Bromochloromethane	100		110		70-130	10		20
2,2-Dichloropropane	110		110		63-133	0		20
1,2-Dibromoethane	92		94		70-130	2		20
1,3-Dichloropropane	94		96		70-130	2		20
1,1,1,2-Tetrachloroethane	95		97		64-130	2		20
Bromobenzene	90		92		70-130	2		20
n-Butylbenzene	100		100		53-136	0		20
sec-Butylbenzene	98		100		70-130	2		20
tert-Butylbenzene	97		98		70-130	1		20
o-Chlorotoluene	94		96		70-130	2		20
p-Chlorotoluene	93		95		70-130	2		20
1,2-Dibromo-3-chloropropane	83		89		41-144	7		20
Hexachlorobutadiene	100		110		63-130	10		20
Isopropylbenzene	95		97		70-130	2		20
p-Isopropyltoluene	97		98		70-130	1		20
Naphthalene	85		93		70-130	9		20
n-Propylbenzene	97		98		69-130	1		20
1,2,3-Trichlorobenzene	87		94		70-130	8		20
1,2,4-Trichlorobenzene	93		97		70-130	4		20
1,3,5-Trimethylbenzene	93		96		64-130	3		20
1,2,4-Trimethylbenzene	93		94		70-130	1		20
1,4-Dioxane	74		82		56-162	10		20
p-Diethylbenzene	97		100		70-130	3		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2133901

Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1519926-3 WG1519926-4								
p-Ethyltoluene	95		96		70-130	1		20
1,2,4,5-Tetramethylbenzene	95		97		70-130	2		20
Ethyl ether	98		98		59-134	0		20
trans-1,4-Dichloro-2-butene	94		94		70-130	0		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	103		103		70-130
Toluene-d8	99		98		70-130
4-Bromofluorobenzene	99		100		70-130
Dibromofluoromethane	101		103		70-130

SEMIVOLATILES

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-01
Client ID: MW-4
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 14:30
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 06/28/21 15:42
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/27/21 11:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-01
Client ID: MW-4
Sample Location: BROOKLYN, NY
Date Collected: 06/22/21 14:30
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	68		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	53		10-120
4-Terphenyl-d14	71		41-149

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-01
Client ID: MW-4
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 14:30
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 06/28/21 11:19
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 06/27/21 13:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 205 PARK AVENUE
Lab Number: L2133901
Project Number: 12.0076834.10
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-01
Client ID: MW-4
Sample Location: BROOKLYN, NY
Date Collected: 06/22/21 14:30
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	55		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	62		15-120
2,4,6-Tribromophenol	88		10-120
4-Terphenyl-d14	77		41-149

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-01
Client ID: MW-4
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 14:30
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 06/29/21 08:27
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 06/28/21 10:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	61.3	J	ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	53		15-110

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-01
Client ID: MW-4
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 14:30
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/05/21 17:18
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 06/29/21 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	8.76		ng/l	1.95	0.398	1
Perfluoropentanoic Acid (PFPeA)	18.4		ng/l	1.95	0.386	1
Perfluorobutanesulfonic Acid (PFBS)	8.48		ng/l	1.95	0.232	1
Perfluorohexanoic Acid (PFHxA)	13.6		ng/l	1.95	0.320	1
Perfluoroheptanoic Acid (PFHpA)	12.3		ng/l	1.95	0.219	1
Perfluorohexanesulfonic Acid (PFHxS)	4.50	F	ng/l	1.95	0.366	1
Perfluorooctanoic Acid (PFOA)	77.5		ng/l	1.95	0.230	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	14.6		ng/l	1.95	1.30	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.95	0.670	1
Perfluorononanoic Acid (PFNA)	2.31		ng/l	1.95	0.304	1
Perfluorooctanesulfonic Acid (PFOS)	27.8		ng/l	1.95	0.491	1
Perfluorodecanoic Acid (PFDA)	1.19	J	ng/l	1.95	0.296	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.95	1.18	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.95	0.631	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.95	0.253	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.95	0.955	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.95	0.784	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.95	0.362	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.95	0.319	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.95	0.242	1
PFOA/PFOS, Total	105		ng/l	1.95	0.230	1

Project Name: 205 PARK AVENUE **Lab Number:** L2133901

Project Number: 12.0076834.10 **Report Date:** 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-01 Date Collected: 06/22/21 14:30

Client ID: MW-4 Date Received: 06/22/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	87		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	103		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	123		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	86		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	88		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	122		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	91		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	129		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	97		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	124		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	90		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	109		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	72		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	109		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	77		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	102		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	101		22-136

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-01
Client ID: MW-4
Sample Location: BROOKLYN, NY

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/06/21 18:12
Analyst: RS

Date Collected: 06/22/21 14:30
Date Received: 06/22/21
Field Prep: Not Specified

Extraction Method: ALPHA 23528
Extraction Date: 06/29/21 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.95	0.565	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	**150**	Q	10-112

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-02
Client ID: MW-5
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 15:30
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 06/28/21 16:09
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/27/21 11:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 205 PARK AVENUE **Lab Number:** L2133901

Project Number: 12.0076834.10 **Report Date:** 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-02 Date Collected: 06/22/21 15:30

Client ID: MW-5 Date Received: 06/22/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	68		21-120
Phenol-d6	68		10-120
Nitrobenzene-d5	106		23-120
2-Fluorobiphenyl	87		15-120
2,4,6-Tribromophenol	82		10-120
4-Terphenyl-d14	117		41-149

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-02
Client ID: MW-5
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 15:30
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 06/28/21 11:39
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 06/27/21 13:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.02	J	ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.10		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	0.12		ug/l	0.10	0.05	1
Benzo(a)anthracene	0.05	J	ug/l	0.10	0.02	1
Benzo(a)pyrene	0.07	J	ug/l	0.10	0.02	1
Benzo(b)fluoranthene	0.09	J	ug/l	0.10	0.01	1
Benzo(k)fluoranthene	0.04	J	ug/l	0.10	0.01	1
Chrysene	0.04	J	ug/l	0.10	0.01	1
Acenaphthylene	0.03	J	ug/l	0.10	0.01	1
Anthracene	0.03	J	ug/l	0.10	0.01	1
Benzo(ghi)perylene	0.08	J	ug/l	0.10	0.01	1
Fluorene	0.02	J	ug/l	0.10	0.01	1
Phenanthrene	0.14		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	0.02	J	ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	0.09	J	ug/l	0.10	0.01	1
Pyrene	0.08	J	ug/l	0.10	0.02	1
2-Methylnaphthalene	0.04	J	ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-02
Client ID: MW-5
Sample Location: BROOKLYN, NY
Date Collected: 06/22/21 15:30
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	59		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	74		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	106		10-120
4-Terphenyl-d14	84		41-149

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-02
Client ID: MW-5
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 15:30
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 06/29/21 08:50
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 06/28/21 10:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	ND		ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	45		15-110

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-02
Client ID: MW-5
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 15:30
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/05/21 17:34
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 06/29/21 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	9.45		ng/l	1.77	0.361	1
Perfluoropentanoic Acid (PFPeA)	19.1		ng/l	1.77	0.350	1
Perfluorobutanesulfonic Acid (PFBS)	9.91		ng/l	1.77	0.210	1
Perfluorohexanoic Acid (PFHxA)	15.1		ng/l	1.77	0.290	1
Perfluoroheptanoic Acid (PFHpA)	14.5		ng/l	1.77	0.199	1
Perfluorohexanesulfonic Acid (PFHxS)	4.05		ng/l	1.77	0.332	1
Perfluorooctanoic Acid (PFOA)	84.0		ng/l	1.77	0.209	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	1.77	1.18	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.77	0.608	1
Perfluorononanoic Acid (PFNA)	1.06	J	ng/l	1.77	0.276	1
Perfluorooctanesulfonic Acid (PFOS)	14.6		ng/l	1.77	0.446	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.77	0.269	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.77	1.07	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.77	0.573	1
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	1.77	0.230	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.77	0.866	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.77	0.711	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.77	0.329	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.77	0.289	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.77	0.219	1
PFOA/PFOS, Total	98.6		ng/l	1.77	0.209	1

Project Name: 205 PARK AVENUE **Lab Number:** L2133901

Project Number: 12.0076834.10 **Report Date:** 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-02 Date Collected: 06/22/21 15:30

Client ID: MW-5 Date Received: 06/22/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	104		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	123		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	128		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	104		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	102		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	130		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	99		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	114		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	106		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	128		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	94		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	102		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	79		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	103		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	82		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	98		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	103		22-136

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-02
Client ID: MW-5
Sample Location: BROOKLYN, NY

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/06/21 18:19
Analyst: RS

Date Collected: 06/22/21 15:30
Date Received: 06/22/21
Field Prep: Not Specified

Extraction Method: ALPHA 23528
Extraction Date: 06/29/21 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.77	0.513	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	**155**	Q	10-112

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-03
Client ID: MW-6
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 10:55
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 06/28/21 13:57
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/27/21 11:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-03
Client ID: MW-6
Sample Location: BROOKLYN, NY
Date Collected: 06/22/21 10:55
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	57		21-120
Phenol-d6	48		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	65		15-120
2,4,6-Tribromophenol	56		10-120
4-Terphenyl-d14	73		41-149

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-03
Client ID: MW-6
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 10:55
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 06/28/21 12:00
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 06/27/21 13:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 205 PARK AVENUE
Lab Number: L2133901
Project Number: 12.0076834.10
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-03
Client ID: MW-6
Sample Location: BROOKLYN, NY
Date Collected: 06/22/21 10:55
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	56		21-120
Phenol-d6	45		10-120
Nitrobenzene-d5	69		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	80		10-120
4-Terphenyl-d14	72		41-149

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-03
Client ID: MW-6
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 10:55
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 06/29/21 09:14
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 06/28/21 10:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	95.2	J	ng/l	144	32.6	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	48		15-110

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-03
Client ID: MW-6
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 10:55
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/05/21 18:01
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 06/29/21 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	8.20		ng/l	1.79	0.366	1
Perfluoropentanoic Acid (PFPeA)	19.2		ng/l	1.79	0.355	1
Perfluorobutanesulfonic Acid (PFBS)	4.84		ng/l	1.79	0.213	1
Perfluorohexanoic Acid (PFHxA)	16.1		ng/l	1.79	0.294	1
Perfluoroheptanoic Acid (PFHpA)	11.1		ng/l	1.79	0.202	1
Perfluorohexanesulfonic Acid (PFHxS)	5.43	F	ng/l	1.79	0.337	1
Perfluorooctanoic Acid (PFOA)	73.8		ng/l	1.79	0.212	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.65	J	ng/l	1.79	1.19	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.79	0.617	1
Perfluorononanoic Acid (PFNA)	1.35	J	ng/l	1.79	0.280	1
Perfluorooctanesulfonic Acid (PFOS)	14.3		ng/l	1.79	0.452	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.79	0.273	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.79	1.09	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.79	0.581	1
Perfluoroundecanoic Acid (PFUnA)	0.255	JF	ng/l	1.79	0.233	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.79	0.879	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.79	0.721	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.79	0.334	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.79	0.293	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.79	0.222	1
PFOA/PFOS, Total	88.1		ng/l	1.79	0.212	1

Project Name: 205 PARK AVENUE **Lab Number:** L2133901

Project Number: 12.0076834.10 **Report Date:** 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-03 Date Collected: 06/22/21 10:55

Client ID: MW-6 Date Received: 06/22/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	92		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	101		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	123		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	87		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	90		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	123		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	93		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**159**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	100		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	124		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	93		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	124		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	75		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	104		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	77		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	99		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	99		22-136

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-03
Client ID: MW-6
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 10:55
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/06/21 18:26
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 06/29/21 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.79	0.520	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	**150**	Q	10-112

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-04
Client ID: DUP-1
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 11:10
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D
Analytical Date: 06/29/21 16:18
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/27/21 11:49

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50	1
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50	1
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45	1
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40	1
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6	1
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50	1
Hexachlorocyclopentadiene	ND		ug/l	20	0.69	1
Isophorone	ND		ug/l	5.0	1.2	1
Nitrobenzene	ND		ug/l	2.0	0.77	1
NDPA/DPA	ND		ug/l	2.0	0.42	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5	1
Butyl benzyl phthalate	ND		ug/l	5.0	1.2	1
Di-n-butylphthalate	ND		ug/l	5.0	0.39	1
Di-n-octylphthalate	ND		ug/l	5.0	1.3	1
Diethyl phthalate	ND		ug/l	5.0	0.38	1
Dimethyl phthalate	ND		ug/l	5.0	1.8	1
Biphenyl	ND		ug/l	2.0	0.46	1
4-Chloroaniline	ND		ug/l	5.0	1.1	1
2-Nitroaniline	ND		ug/l	5.0	0.50	1
3-Nitroaniline	ND		ug/l	5.0	0.81	1
4-Nitroaniline	ND		ug/l	5.0	0.80	1

Project Name: 205 PARK AVENUE **Lab Number:** L2133901

Project Number: 12.0076834.10 **Report Date:** 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-04 Date Collected: 06/22/21 11:10

Client ID: DUP-1 Date Received: 06/22/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Dibenzofuran	ND		ug/l	2.0	0.50	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44	1
Acetophenone	ND		ug/l	5.0	0.53	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61	1
p-Chloro-m-cresol	ND		ug/l	2.0	0.35	1
2-Chlorophenol	ND		ug/l	2.0	0.48	1
2,4-Dichlorophenol	ND		ug/l	5.0	0.41	1
2,4-Dimethylphenol	ND		ug/l	5.0	1.8	1
2-Nitrophenol	ND		ug/l	10	0.85	1
4-Nitrophenol	ND		ug/l	10	0.67	1
2,4-Dinitrophenol	ND		ug/l	20	6.6	1
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8	1
Phenol	ND		ug/l	5.0	0.57	1
2-Methylphenol	ND		ug/l	5.0	0.49	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77	1
Benzoic Acid	ND		ug/l	50	2.6	1
Benzyl Alcohol	ND		ug/l	2.0	0.59	1
Carbazole	ND		ug/l	2.0	0.49	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	47		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	57		23-120
2-Fluorobiphenyl	76		15-120
2,4,6-Tribromophenol	61		10-120
4-Terphenyl-d14	82		41-149

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-04
Client ID: DUP-1
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 11:10
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 06/28/21 15:45
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 06/27/21 13:16

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.01	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.02	1
Hexachlorobutadiene	ND		ug/l	0.50	0.05	1
Naphthalene	ND		ug/l	0.10	0.05	1
Benzo(a)anthracene	ND		ug/l	0.10	0.02	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01	1
Chrysene	ND		ug/l	0.10	0.01	1
Acenaphthylene	ND		ug/l	0.10	0.01	1
Anthracene	ND		ug/l	0.10	0.01	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.01	1
Fluorene	ND		ug/l	0.10	0.01	1
Phenanthrene	ND		ug/l	0.10	0.02	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01	1
Pyrene	ND		ug/l	0.10	0.02	1
2-Methylnaphthalene	ND		ug/l	0.10	0.02	1
Pentachlorophenol	ND		ug/l	0.80	0.01	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.06	1

Project Name: 205 PARK AVENUE **Lab Number:** L2133901

Project Number: 12.0076834.10 **Report Date:** 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-04 Date Collected: 06/22/21 11:10

Client ID: DUP-1 Date Received: 06/22/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	60		21-120
Phenol-d6	50		10-120
Nitrobenzene-d5	78		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	119		10-120
4-Terphenyl-d14	87		41-149

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-04
Client ID: DUP-1
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 11:10
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8270D-SIM
Analytical Date: 06/29/21 09:38
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 06/28/21 10:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
1,4 Dioxane by 8270D-SIM - Mansfield Lab						
1,4-Dioxane	107.	J	ng/l	150	33.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	46		15-110

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-04
Client ID: DUP-1
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 11:10
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/05/21 18:17
Analyst: MP

Extraction Method: ALPHA 23528
Extraction Date: 06/29/21 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorobutanoic Acid (PFBA)	8.38		ng/l	1.74	0.354	1
Perfluoropentanoic Acid (PFPeA)	19.8		ng/l	1.74	0.344	1
Perfluorobutanesulfonic Acid (PFBS)	4.91		ng/l	1.74	0.206	1
Perfluorohexanoic Acid (PFHxA)	16.5		ng/l	1.74	0.284	1
Perfluoroheptanoic Acid (PFHpA)	11.1		ng/l	1.74	0.195	1
Perfluorohexanesulfonic Acid (PFHxS)	5.36	F	ng/l	1.74	0.326	1
Perfluorooctanoic Acid (PFOA)	73.7		ng/l	1.74	0.205	1
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	1.78		ng/l	1.74	1.16	1
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	1.74	0.597	1
Perfluorononanoic Acid (PFNA)	1.35	J	ng/l	1.74	0.271	1
Perfluorooctanesulfonic Acid (PFOS)	14.4		ng/l	1.74	0.437	1
Perfluorodecanoic Acid (PFDA)	ND		ng/l	1.74	0.264	1
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	1.74	1.05	1
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	1.74	0.562	1
Perfluoroundecanoic Acid (PFUnA)	0.271	J	ng/l	1.74	0.226	1
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	1.74	0.850	1
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	1.74	0.697	1
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	1.74	0.323	1
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	1.74	0.284	1
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	1.74	0.215	1
PFOA/PFOS, Total	88.1		ng/l	1.74	0.205	1

Project Name: 205 PARK AVENUE **Lab Number:** L2133901

Project Number: 12.0076834.10 **Report Date:** 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-04 Date Collected: 06/22/21 11:10

Client ID: DUP-1 Date Received: 06/22/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	89		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	101		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	123		70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	88		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	93		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	125		71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	95		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	**154**	Q	14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	103		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	121		69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	96		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	128		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	80		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	107		55-137
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	84		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	102		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	105		22-136

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-04
Client ID: DUP-1
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 11:10
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/06/21 18:33
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 06/29/21 10:45

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab						
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	1.74	0.503	1

Surrogate (Extracted Internal Standard)	% Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	**149**	Q	10-112

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/28/21 10:35
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/26/21 17:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1517391-1					
Acenaphthene	ND		ug/l	2.0	0.44
1,2,4-Trichlorobenzene	ND		ug/l	5.0	0.50
Hexachlorobenzene	ND		ug/l	2.0	0.46
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.50
2-Chloronaphthalene	ND		ug/l	2.0	0.44
1,2-Dichlorobenzene	ND		ug/l	2.0	0.45
1,3-Dichlorobenzene	ND		ug/l	2.0	0.40
1,4-Dichlorobenzene	ND		ug/l	2.0	0.43
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.6
2,4-Dinitrotoluene	ND		ug/l	5.0	1.2
2,6-Dinitrotoluene	ND		ug/l	5.0	0.93
Fluoranthene	ND		ug/l	2.0	0.26
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.49
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.38
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.53
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.50
Hexachlorobutadiene	ND		ug/l	2.0	0.66
Hexachlorocyclopentadiene	ND		ug/l	20	0.69
Hexachloroethane	ND		ug/l	2.0	0.58
Isophorone	ND		ug/l	5.0	1.2
Naphthalene	ND		ug/l	2.0	0.46
Nitrobenzene	ND		ug/l	2.0	0.77
NDPA/DPA	ND		ug/l	2.0	0.42
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.64
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.5
Butyl benzyl phthalate	ND		ug/l	5.0	1.2
Di-n-butylphthalate	ND		ug/l	5.0	0.39
Di-n-octylphthalate	ND		ug/l	5.0	1.3
Diethyl phthalate	ND		ug/l	5.0	0.38

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/28/21 10:35
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/26/21 17:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1517391-1					
Dimethyl phthalate	ND		ug/l	5.0	1.8
Benzo(a)anthracene	ND		ug/l	2.0	0.32
Benzo(a)pyrene	ND		ug/l	2.0	0.41
Benzo(b)fluoranthene	ND		ug/l	2.0	0.35
Benzo(k)fluoranthene	ND		ug/l	2.0	0.37
Chrysene	ND		ug/l	2.0	0.34
Acenaphthylene	ND		ug/l	2.0	0.46
Anthracene	ND		ug/l	2.0	0.33
Benzo(ghi)perylene	ND		ug/l	2.0	0.30
Fluorene	ND		ug/l	2.0	0.41
Phenanthrene	ND		ug/l	2.0	0.33
Dibenzo(a,h)anthracene	ND		ug/l	2.0	0.32
Indeno(1,2,3-cd)pyrene	ND		ug/l	2.0	0.40
Pyrene	ND		ug/l	2.0	0.28
Biphenyl	ND		ug/l	2.0	0.46
4-Chloroaniline	ND		ug/l	5.0	1.1
2-Nitroaniline	ND		ug/l	5.0	0.50
3-Nitroaniline	ND		ug/l	5.0	0.81
4-Nitroaniline	ND		ug/l	5.0	0.80
Dibenzofuran	ND		ug/l	2.0	0.50
2-Methylnaphthalene	ND		ug/l	2.0	0.45
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.44
Acetophenone	ND		ug/l	5.0	0.53
2,4,6-Trichlorophenol	ND		ug/l	5.0	0.61
p-Chloro-m-cresol	ND		ug/l	2.0	0.35
2-Chlorophenol	ND		ug/l	2.0	0.48
2,4-Dichlorophenol	ND		ug/l	5.0	0.41
2,4-Dimethylphenol	ND		ug/l	5.0	1.8
2-Nitrophenol	ND		ug/l	10	0.85

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D
Analytical Date: 06/28/21 10:35
Analyst: JG

Extraction Method: EPA 3510C
Extraction Date: 06/26/21 17:49

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-04 Batch: WG1517391-1					
4-Nitrophenol	ND		ug/l	10	0.67
2,4-Dinitrophenol	ND		ug/l	20	6.6
4,6-Dinitro-o-cresol	ND		ug/l	10	1.8
Pentachlorophenol	ND		ug/l	10	1.8
Phenol	ND		ug/l	5.0	0.57
2-Methylphenol	ND		ug/l	5.0	0.49
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	0.48
2,4,5-Trichlorophenol	ND		ug/l	5.0	0.77
Benzoic Acid	ND		ug/l	50	2.6
Benzyl Alcohol	ND		ug/l	2.0	0.59
Carbazole	ND		ug/l	2.0	0.49

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	70		21-120
Phenol-d6	55		10-120
Nitrobenzene-d5	79		23-120
2-Fluorobiphenyl	106		15-120
2,4,6-Tribromophenol	76		10-120
4-Terphenyl-d14	102		41-149

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 06/28/21 10:59
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 06/26/21 17:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-04 Batch: WG1517392-1					
Acenaphthene	ND		ug/l	0.10	0.01
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.02
Hexachlorobutadiene	ND		ug/l	0.50	0.05
Naphthalene	ND		ug/l	0.10	0.05
Benzo(a)anthracene	ND		ug/l	0.10	0.02
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.01
Benzo(k)fluoranthene	ND		ug/l	0.10	0.01
Chrysene	ND		ug/l	0.10	0.01
Acenaphthylene	ND		ug/l	0.10	0.01
Anthracene	ND		ug/l	0.10	0.01
Benzo(ghi)perylene	ND		ug/l	0.10	0.01
Fluorene	ND		ug/l	0.10	0.01
Phenanthrene	ND		ug/l	0.10	0.02
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.01
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.01
Pyrene	ND		ug/l	0.10	0.02
2-Methylnaphthalene	ND		ug/l	0.10	0.02
Pentachlorophenol	ND		ug/l	0.80	0.01
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.06

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 06/28/21 10:59
Analyst: JJW

Extraction Method: EPA 3510C
Extraction Date: 06/26/21 17:50

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-04 Batch: WG1517392-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	69		21-120
Phenol-d6	58		10-120
Nitrobenzene-d5	92		23-120
2-Fluorobiphenyl	84		15-120
2,4,6-Tribromophenol	98		10-120
4-Terphenyl-d14	89		41-149

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270D-SIM
Analytical Date: 06/29/21 07:19
Analyst: PS

Extraction Method: EPA 3510C
Extraction Date: 06/28/21 10:00

Parameter	Result	Qualifier	Units	RL	MDL
1,4 Dioxane by 8270D-SIM - Mansfield Lab for sample(s): 01-04 Batch: WG1517662-1					
1,4-Dioxane	ND		ng/l	150	33.9

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,4-Dioxane-d8	39		15-110

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/30/21 10:56
Analyst: HT

Extraction Method: ALPHA 23528
Extraction Date: 06/29/21 10:45

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-04 Batch: WG1518196-1					
Perfluorobutanoic Acid (PFBA)	ND		ng/l	2.00	0.408
Perfluoropentanoic Acid (PFPeA)	ND		ng/l	2.00	0.396
Perfluorobutanesulfonic Acid (PFBS)	ND		ng/l	2.00	0.238
Perfluorohexanoic Acid (PFHxA)	0.356	J	ng/l	2.00	0.328
Perfluoroheptanoic Acid (PFHpA)	ND		ng/l	2.00	0.225
Perfluorohexanesulfonic Acid (PFHxS)	ND		ng/l	2.00	0.376
Perfluorooctanoic Acid (PFOA)	ND		ng/l	2.00	0.236
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	ND		ng/l	2.00	1.33
Perfluoroheptanesulfonic Acid (PFHpS)	ND		ng/l	2.00	0.688
Perfluorononanoic Acid (PFNA)	ND		ng/l	2.00	0.312
Perfluorooctanesulfonic Acid (PFOS)	ND		ng/l	2.00	0.504
Perfluorodecanoic Acid (PFDA)	ND		ng/l	2.00	0.304
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	ND		ng/l	2.00	1.21
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	ND		ng/l	2.00	0.648
Perfluoroundecanoic Acid (PFUnA)	ND		ng/l	2.00	0.260
Perfluorodecanesulfonic Acid (PFDS)	ND		ng/l	2.00	0.980
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	ND		ng/l	2.00	0.804
Perfluorododecanoic Acid (PFDoA)	ND		ng/l	2.00	0.372
Perfluorotridecanoic Acid (PFTrDA)	ND		ng/l	2.00	0.327
Perfluorotetradecanoic Acid (PFTA)	ND		ng/l	2.00	0.248
PFOA/PFOS, Total	ND		ng/l	2.00	0.236

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 06/30/21 10:56
Analyst: HT

Extraction Method: ALPHA 23528
Extraction Date: 06/29/21 10:45

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-04 Batch: WG1518196-1					

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	125		58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	144		62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	**136**	Q	70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	116		57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	117		60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	**138**	Q	71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	121		62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	118		14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	124		59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	**133**	Q	69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	120		62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	130		10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	108		24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	125		55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	19		10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	115		27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	127		48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	127		22-136

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 134,LCMSMS-ID
Analytical Date: 07/06/21 17:57
Analyst: RS

Extraction Method: ALPHA 23528
Extraction Date: 06/29/21 10:45

Parameter	Result	Qualifier	Units	RL	MDL
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab for sample(s): 01-04 Batch: WG1518196-1					
Perfluorooctanesulfonamide (FOSA)	ND		ng/l	2.00	0.580

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	**155**	Q	10-112

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2133901

Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1517391-2 WG1517391-3								
Acenaphthene	67		65		37-111	3		30
1,2,4-Trichlorobenzene	64		61		39-98	5		30
Hexachlorobenzene	73		74		40-140	1		30
Bis(2-chloroethyl)ether	53		52		40-140	2		30
2-Chloronaphthalene	72		72		40-140	0		30
1,2-Dichlorobenzene	59		55		40-140	7		30
1,3-Dichlorobenzene	59		54		40-140	9		30
1,4-Dichlorobenzene	58		54		36-97	7		30
3,3'-Dichlorobenzidine	56		60		40-140	7		30
2,4-Dinitrotoluene	68		71		48-143	4		30
2,6-Dinitrotoluene	70		78		40-140	11		30
Fluoranthene	72		73		40-140	1		30
4-Chlorophenyl phenyl ether	71		75		40-140	5		30
4-Bromophenyl phenyl ether	76		78		40-140	3		30
Bis(2-chloroisopropyl)ether	44		44		40-140	0		30
Bis(2-chloroethoxy)methane	54		53		40-140	2		30
Hexachlorobutadiene	71		63		40-140	12		30
Hexachlorocyclopentadiene	61		62		40-140	2		30
Hexachloroethane	51		48		40-140	6		30
Isophorone	51		52		40-140	2		30
Naphthalene	65		62		40-140	5		30
Nitrobenzene	54		54		40-140	0		30
NDPA/DPA	71		76		40-140	7		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2133901

Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1517391-2 WG1517391-3								
n-Nitrosodi-n-propylamine	52		51		29-132	2		30
Bis(2-ethylhexyl)phthalate	60		63		40-140	5		30
Butyl benzyl phthalate	59		64		40-140	8		30
Di-n-butylphthalate	59		62		40-140	5		30
Di-n-octylphthalate	57		60		40-140	5		30
Diethyl phthalate	65		69		40-140	6		30
Dimethyl phthalate	70		77		40-140	10		30
Benzo(a)anthracene	72		72		40-140	0		30
Benzo(a)pyrene	76		74		40-140	3		30
Benzo(b)fluoranthene	81		78		40-140	4		30
Benzo(k)fluoranthene	67		70		40-140	4		30
Chrysene	68		68		40-140	0		30
Acenaphthylene	71		74		45-123	4		30
Anthracene	70		69		40-140	1		30
Benzo(ghi)perylene	78		72		40-140	8		30
Fluorene	69		70		40-140	1		30
Phenanthrene	70		68		40-140	3		30
Dibenzo(a,h)anthracene	79		73		40-140	8		30
Indeno(1,2,3-cd)pyrene	81		81		40-140	0		30
Pyrene	70		72		26-127	3		30
Biphenyl	70		71		40-140	1		30
4-Chloroaniline	48		54		40-140	12		30
2-Nitroaniline	66		74		52-143	11		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2133901

Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1517391-2 WG1517391-3								
3-Nitroaniline	61		67		25-145	9		30
4-Nitroaniline	69		76		51-143	10		30
Dibenzofuran	70		70		40-140	0		30
2-Methylnaphthalene	70		69		40-140	1		30
1,2,4,5-Tetrachlorobenzene	74		72		2-134	3		30
Acetophenone	60		60		39-129	0		30
2,4,6-Trichlorophenol	75		84		30-130	11		30
p-Chloro-m-cresol	68		72		23-97	6		30
2-Chlorophenol	57		58		27-123	2		30
2,4-Dichlorophenol	63		68		30-130	8		30
2,4-Dimethylphenol	52		56		30-130	7		30
2-Nitrophenol	56		58		30-130	4		30
4-Nitrophenol	48		55		10-80	14		30
2,4-Dinitrophenol	57		59		20-130	3		30
4,6-Dinitro-o-cresol	60		68		20-164	13		30
Pentachlorophenol	50		64		9-103	25		30
Phenol	43		46		12-110	7		30
2-Methylphenol	53		55		30-130	4		30
3-Methylphenol/4-Methylphenol	55		57		30-130	4		30
2,4,5-Trichlorophenol	74		78		30-130	5		30
Benzoic Acid	32		33		10-164	3		30
Benzyl Alcohol	50		52		26-116	4		30
Carbazole	69		70		55-144	1		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2133901

Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-04 Batch: WG1517391-2 WG1517391-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	60		60		21-120
Phenol-d6	47		49		10-120
Nitrobenzene-d5	64		62		23-120
2-Fluorobiphenyl	87		87		15-120
2,4,6-Tribromophenol	85		92		10-120
4-Terphenyl-d14	85		90		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2133901

Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04 Batch: WG1517392-2 WG1517392-3								
Acenaphthene	77		78		40-140	1		40
2-Chloronaphthalene	76		77		40-140	1		40
Fluoranthene	78		79		40-140	1		40
Hexachlorobutadiene	72		72		40-140	0		40
Naphthalene	78		77		40-140	1		40
Benzo(a)anthracene	76		81		40-140	6		40
Benzo(a)pyrene	82		84		40-140	2		40
Benzo(b)fluoranthene	78		85		40-140	9		40
Benzo(k)fluoranthene	82		80		40-140	2		40
Chrysene	80		82		40-140	2		40
Acenaphthylene	75		75		40-140	0		40
Anthracene	82		83		40-140	1		40
Benzo(ghi)perylene	88		91		40-140	3		40
Fluorene	78		78		40-140	0		40
Phenanthrene	77		78		40-140	1		40
Dibenzo(a,h)anthracene	91		96		40-140	5		40
Indeno(1,2,3-cd)pyrene	90		94		40-140	4		40
Pyrene	76		78		40-140	3		40
2-Methylnaphthalene	79		80		40-140	1		40
Pentachlorophenol	79		97		40-140	20		40
Hexachlorobenzene	76		77		40-140	1		40
Hexachloroethane	78		76		40-140	3		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-04 Batch: WG1517392-2 WG1517392-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	82		80		21-120
Phenol-d6	66		65		10-120
Nitrobenzene-d5	99		97		23-120
2-Fluorobiphenyl	86		86		15-120
2,4,6-Tribromophenol	**134**	Q	**135**	Q	10-120
4-Terphenyl-d14	89		92		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2133901

Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
1,4 Dioxane by 8270D-SIM - Mansfield Lab	Associated sample(s): 01-04		Batch: WG1517662-2 WG1517662-3					
1,4-Dioxane	101		106		40-140	5		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,4-Dioxane-d8	43		39		15-110

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 Batch: WG1518196-2								
Perfluorobutanoic Acid (PFBA)	100		-		67-148	-		30
Perfluoropentanoic Acid (PFPeA)	102		-		63-161	-		30
Perfluorobutanesulfonic Acid (PFBS)	100		-		65-157	-		30
Perfluorohexanoic Acid (PFHxA)	100		-		69-168	-		30
Perfluoroheptanoic Acid (PFHpA)	99		-		58-159	-		30
Perfluorohexanesulfonic Acid (PFHxS)	100		-		69-177	-		30
Perfluorooctanoic Acid (PFOA)	103		-		63-159	-		30
1H,1H,2H,2H-Perfluorooctanesulfonic Acid (6:2FTS)	109		-		49-187	-		30
Perfluoroheptanesulfonic Acid (PFHpS)	100		-		61-179	-		30
Perfluorononanoic Acid (PFNA)	93		-		68-171	-		30
Perfluorooctanesulfonic Acid (PFOS)	111		-		52-151	-		30
Perfluorodecanoic Acid (PFDA)	98		-		63-171	-		30
1H,1H,2H,2H-Perfluorodecanesulfonic Acid (8:2FTS)	105		-		56-173	-		30
N-Methyl Perfluorooctanesulfonamidoacetic Acid (NMeFOSAA)	97		-		60-166	-		30
Perfluoroundecanoic Acid (PFUnA)	95		-		60-153	-		30
Perfluorodecanesulfonic Acid (PFDS)	104		-		38-156	-		30
Perfluorooctanesulfonamide (FOSA)	93		-		46-170	-		30
N-Ethyl Perfluorooctanesulfonamidoacetic Acid (NEtFOSAA)	104		-		45-170	-		30
Perfluorododecanoic Acid (PFDoA)	97		-		67-153	-		30
Perfluorotridecanoic Acid (PFTrDA)	116		-		48-158	-		30
Perfluorotetradecanoic Acid (PFTA)	100		-		59-182	-		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 Batch: WG1518196-2								

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C4]Butanoic Acid (MPFBA)	122				58-132
Perfluoro[13C5]Pentanoic Acid (M5PFPEA)	132				62-163
Perfluoro[2,3,4-13C3]Butanesulfonic Acid (M3PFBS)	127				70-131
Perfluoro[1,2,3,4,6-13C5]Hexanoic Acid (M5PFHxA)	114				57-129
Perfluoro[1,2,3,4-13C4]Heptanoic Acid (M4PFHpA)	116				60-129
Perfluoro[1,2,3-13C3]Hexanesulfonic Acid (M3PFHxS)	127				71-134
Perfluoro[13C8]Octanoic Acid (M8PFOA)	117				62-129
1H,1H,2H,2H-Perfluoro[1,2-13C2]Octanesulfonic Acid (M2-6:2FTS)	118				14-147
Perfluoro[13C9]Nonanoic Acid (M9PFNA)	126				59-139
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	125				69-131
Perfluoro[1,2,3,4,5,6-13C6]Decanoic Acid (M6PFDA)	119				62-124
1H,1H,2H,2H-Perfluoro[1,2-13C2]Decanesulfonic Acid (M2-8:2FTS)	123				10-162
N-Deuteriomethylperfluoro-1-octanesulfonamidoacetic Acid (d3-NMeFOSAA)	116				24-116
Perfluoro[1,2,3,4,5,6,7-13C7]Undecanoic Acid (M7-PFUDA)	120				55-137
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	23				10-112
N-Deuterioethylperfluoro-1-octanesulfonamidoacetic Acid (d5-NEtFOSAA)	119				27-126
Perfluoro[1,2-13C2]Dodecanoic Acid (MPFDOA)	**132**	Q			48-131
Perfluoro[1,2-13C2]Tetradecanoic Acid (M2PFTEDA)	133				22-136

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab	Associated sample(s): 01-04		Batch: WG1518196-2					
Perfluorooctanesulfonamide (FOSA)	94		-		46-170	-		30

Surrogate (Extracted Internal Standard)	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Perfluoro[13C8]Octanesulfonamide (M8FOSA)	**158**	Q			10-112

Matrix Spike Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2133901

Report Date: 07/19/21

Parameter	*Native Sample*	*MS Added*	*MS Found*	*MS %Recovery*	*Qual*	*MSD Found*	*MSD %Recovery*	*Qual*	*Recovery Limits*	*RPD*	*Qual*	*RPD Limits*
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1518196-3 QC Sample: L2132996-02 Client ID: MS Sample												
Perfluorooctanoic Acid (PFOA)	52.4	37.6	88.1	95		-	-		63-159	-		30
Perfluorooctanesulfonic Acid (PFOS)	105	34.9	142	106		-	-		52-151	-		30

Surrogate (Extracted Internal Standard)	*MS % Recovery*	*MS Qualifier*	*MSD % Recovery*	*MSD Qualifier*	*Acceptance Criteria*
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	121				69-131
Perfluoro[13C8]Octanoic Acid (M8PFOA)	120				62-129

Lab Duplicate Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Perfluorinated Alkyl Acids by Isotope Dilution - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1518196-4 QC Sample: L2132996-03 Client ID: DUP Sample						
Perfluorooctanoic Acid (PFOA)	8.24	8.21	ng/l	0		30
Perfluorooctanesulfonic Acid (PFOS)	4.94	4.87	ng/l	1		30

Surrogate (Extracted Internal Standard)	%Recovery	Qualifier	%Recovery	Qualifier	Acceptance Criteria
Perfluoro[13C8]Octanoic Acid (M8PFOA)	92		96		62-129
Perfluoro[13C8]Octanesulfonic Acid (M8PFOS)	128		129		69-131

PCBS

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-01
Client ID: MW-4
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 14:30
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 06/29/21 18:40
Analyst: CW

Extraction Method: EPA 3510C
Extraction Date: 06/28/21 20:50
Cleanup Method: EPA 3665A
Cleanup Date: 06/29/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	79		30-150	A
Decachlorobiphenyl	67		30-150	A
2,4,5,6-Tetrachloro-m-xylene	80		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-02
Client ID: MW-5
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 15:30
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 06/29/21 18:48
Analyst: CW

Extraction Method: EPA 3510C
Extraction Date: 06/28/21 20:50
Cleanup Method: EPA 3665A
Cleanup Date: 06/29/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	73		30-150	A
Decachlorobiphenyl	72		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	75		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-03
Client ID: MW-6
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 10:55
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 06/29/21 18:56
Analyst: CW

Extraction Method: EPA 3510C
Extraction Date: 06/28/21 20:50
Cleanup Method: EPA 3665A
Cleanup Date: 06/29/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	71		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	75		30-150	B
Decachlorobiphenyl	72		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-04
Client ID: DUP-1
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 11:10
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8082A
Analytical Date: 06/29/21 19:03
Analyst: CW

Extraction Method: EPA 3510C
Extraction Date: 06/28/21 20:50
Cleanup Method: EPA 3665A
Cleanup Date: 06/29/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/21

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Polychlorinated Biphenyls by GC - Westborough Lab							
Aroclor 1016	ND		ug/l	0.071	0.061	1	A
Aroclor 1221	ND		ug/l	0.071	0.061	1	A
Aroclor 1232	ND		ug/l	0.071	0.061	1	A
Aroclor 1242	ND		ug/l	0.071	0.061	1	A
Aroclor 1248	ND		ug/l	0.071	0.061	1	A
Aroclor 1254	ND		ug/l	0.071	0.061	1	A
Aroclor 1260	ND		ug/l	0.071	0.061	1	A
Aroclor 1262	ND		ug/l	0.071	0.061	1	A
Aroclor 1268	ND		ug/l	0.071	0.061	1	A
PCBs, Total	ND		ug/l	0.071	0.061	1	A

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	67		30-150	A
Decachlorobiphenyl	66		30-150	A
2,4,5,6-Tetrachloro-m-xylene	70		30-150	B
Decachlorobiphenyl	71		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8082A
Analytical Date: 06/29/21 18:17
Analyst: CW

Extraction Method: EPA 3510C
Extraction Date: 06/28/21 20:07
Cleanup Method: EPA 3665A
Cleanup Date: 06/29/21
Cleanup Method: EPA 3660B
Cleanup Date: 06/29/21

Parameter	Result	Qualifier	Units	RL	MDL	Column
Polychlorinated Biphenyls by GC - Westborough Lab for sample(s): 01-04 Batch: WG1517962-1						
Aroclor 1016	ND		ug/l	0.071	0.061	A
Aroclor 1221	ND		ug/l	0.071	0.061	A
Aroclor 1232	ND		ug/l	0.071	0.061	A
Aroclor 1242	ND		ug/l	0.071	0.061	A
Aroclor 1248	ND		ug/l	0.071	0.061	A
Aroclor 1254	ND		ug/l	0.071	0.061	A
Aroclor 1260	ND		ug/l	0.071	0.061	A
Aroclor 1262	ND		ug/l	0.071	0.061	A
Aroclor 1268	ND		ug/l	0.071	0.061	A
PCBs, Total	ND		ug/l	0.071	0.061	A

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	79		30-150	A
2,4,5,6-Tetrachloro-m-xylene	65		30-150	B
Decachlorobiphenyl	81		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Polychlorinated Biphenyls by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1517962-2 WG1517962-3									
Aroclor 1016	75		73		40-140	3		50	A
Aroclor 1260	78		77		40-140	1		50	A

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	72		60		30-150	A
Decachlorobiphenyl	85		76		30-150	A
2,4,5,6-Tetrachloro-m-xylene	72		62		30-150	B
Decachlorobiphenyl	89		79		30-150	B

PESTICIDES

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-01
Client ID: MW-4
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 14:30
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 06/29/21 17:19
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 06/28/21 02:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 205 PARK AVENUE **Lab Number:** L2133901

Project Number: 12.0076834.10 **Report Date:** 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-01 Date Collected: 06/22/21 14:30

Client ID: MW-4 Date Received: 06/22/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	64		30-150	A
Decachlorobiphenyl	47		30-150	A
2,4,5,6-Tetrachloro-m-xylene	58		30-150	B
Decachlorobiphenyl	35		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-02
Client ID: MW-5
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 15:30
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 06/29/21 17:30
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 06/28/21 02:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	ND		ug/l	0.029	0.003	1	B
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-02
Client ID: MW-5
Sample Location: BROOKLYN, NY
Date Collected: 06/22/21 15:30
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	62		30-150	A
Decachlorobiphenyl	43		30-150	A
2,4,5,6-Tetrachloro-m-xylene	60		30-150	B
Decachlorobiphenyl	31		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-03
Client ID: MW-6
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 10:55
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 06/29/21 17:41
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 06/28/21 02:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	0.016	J	ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 205 PARK AVENUE **Lab Number:** L2133901

Project Number: 12.0076834.10 **Report Date:** 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-03 Date Collected: 06/22/21 10:55

Client ID: MW-6 Date Received: 06/22/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	66		30-150	A
Decachlorobiphenyl	61		30-150	A
2,4,5,6-Tetrachloro-m-xylene	62		30-150	B
Decachlorobiphenyl	46		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-04
Client ID: DUP-1
Sample Location: BROOKLYN, NY

Date Collected: 06/22/21 11:10
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8081B
Analytical Date: 06/29/21 17:52
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 06/28/21 02:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							
Delta-BHC	ND		ug/l	0.014	0.003	1	A
Lindane	ND		ug/l	0.014	0.003	1	A
Alpha-BHC	ND		ug/l	0.014	0.003	1	A
Beta-BHC	ND		ug/l	0.014	0.004	1	A
Heptachlor	ND		ug/l	0.014	0.002	1	A
Aldrin	ND		ug/l	0.014	0.002	1	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	1	A
Endrin	ND		ug/l	0.029	0.003	1	A
Endrin aldehyde	ND		ug/l	0.029	0.006	1	A
Endrin ketone	ND		ug/l	0.029	0.003	1	A
Dieldrin	0.013	J	ug/l	0.029	0.003	1	A
4,4'-DDE	ND		ug/l	0.029	0.003	1	A
4,4'-DDD	ND		ug/l	0.029	0.003	1	A
4,4'-DDT	ND		ug/l	0.029	0.003	1	A
Endosulfan I	ND		ug/l	0.014	0.002	1	A
Endosulfan II	ND		ug/l	0.029	0.004	1	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	1	A
Methoxychlor	ND		ug/l	0.143	0.005	1	A
Toxaphene	ND		ug/l	0.143	0.045	1	A
cis-Chlordane	ND		ug/l	0.014	0.005	1	A
trans-Chlordane	ND		ug/l	0.014	0.004	1	A
Chlordane	ND		ug/l	0.143	0.033	1	A

Project Name: 205 PARK AVENUE **Lab Number:** L2133901

Project Number: 12.0076834.10 **Report Date:** 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-04 Date Collected: 06/22/21 11:10

Client ID: DUP-1 Date Received: 06/22/21

Sample Location: BROOKLYN, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Column
Organochlorine Pesticides by GC - Westborough Lab							

Surrogate	% Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	50		30-150	A
Decachlorobiphenyl	50		30-150	A
2,4,5,6-Tetrachloro-m-xylene	45		30-150	B
Decachlorobiphenyl	35		30-150	B

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/29/21 16:46
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 06/28/21 02:25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1517575-1						
Delta-BHC	ND		ug/l	0.014	0.003	A
Lindane	ND		ug/l	0.014	0.003	A
Alpha-BHC	ND		ug/l	0.014	0.003	A
Beta-BHC	ND		ug/l	0.014	0.004	A
Heptachlor	ND		ug/l	0.014	0.002	A
Aldrin	ND		ug/l	0.014	0.002	A
Heptachlor epoxide	ND		ug/l	0.014	0.003	A
Endrin	ND		ug/l	0.029	0.003	A
Endrin aldehyde	ND		ug/l	0.029	0.006	A
Endrin ketone	ND		ug/l	0.029	0.003	A
Dieldrin	ND		ug/l	0.029	0.003	A
4,4'-DDE	ND		ug/l	0.029	0.003	A
4,4'-DDD	ND		ug/l	0.029	0.003	A
4,4'-DDT	ND		ug/l	0.029	0.003	A
Endosulfan I	ND		ug/l	0.014	0.002	A
Endosulfan II	ND		ug/l	0.029	0.004	A
Endosulfan sulfate	ND		ug/l	0.029	0.003	A
Methoxychlor	ND		ug/l	0.143	0.005	A
Toxaphene	ND		ug/l	0.143	0.045	A
cis-Chlordane	ND		ug/l	0.014	0.005	A
trans-Chlordane	ND		ug/l	0.014	0.004	A
Chlordane	ND		ug/l	0.143	0.033	A

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8081B
Analytical Date: 06/29/21 16:46
Analyst: SDC

Extraction Method: EPA 3510C
Extraction Date: 06/28/21 02:25

Parameter	Result	Qualifier	Units	RL	MDL	Column
Organochlorine Pesticides by GC - Westborough Lab for sample(s): 01-04 Batch: WG1517575-1						

Surrogate	%Recovery	Qualifier	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	58		30-150	A
Decachlorobiphenyl	48		30-150	A
2,4,5,6-Tetrachloro-m-xylene	54		30-150	B
Decachlorobiphenyl	47		30-150	B

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits	Column
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1517575-2 WG1517575-3									
Delta-BHC	59		62		30-150	5		20	A
Lindane	64		67		30-150	5		20	A
Alpha-BHC	67		71		30-150	5		20	A
Beta-BHC	61		65		30-150	6		20	A
Heptachlor	64		62		30-150	3		20	A
Aldrin	58		63		30-150	8		20	A
Heptachlor epoxide	59		62		30-150	6		20	A
Endrin	60		63		30-150	5		20	A
Endrin aldehyde	31		33		30-150	6		20	A
Endrin ketone	57		60		30-150	4		20	A
Dieldrin	63		66		30-150	4		20	A
4,4'-DDE	60		63		30-150	5		20	A
4,4'-DDD	59		62		30-150	5		20	A
4,4'-DDT	52		57		30-150	9		20	A
Endosulfan I	58		61		30-150	5		20	A
Endosulfan II	57		60		30-150	6		20	A
Endosulfan sulfate	50		53		30-150	7		20	A
Methoxychlor	55		59		30-150	8		20	A
cis-Chlordane	53		55		30-150	4		20	A
trans-Chlordane	61		63		30-150	4		20	A

Lab Control Sample Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Organochlorine Pesticides by GC - Westborough Lab Associated sample(s): 01-04 Batch: WG1517575-2 WG1517575-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria	Column
2,4,5,6-Tetrachloro-m-xylene	65		59		30-150	A
Decachlorobiphenyl	52		54		30-150	A
2,4,5,6-Tetrachloro-m-xylene	57		59		30-150	B
Decachlorobiphenyl	40		45		30-150	B

METALS

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-01
Client ID: MW-4
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 06/22/21 14:30
Date Received: 06/22/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.106		mg/l	0.0100	0.00327	1	06/24/21 11:49	07/14/21 18:33	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/24/21 11:49	07/14/21 18:33	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00058		mg/l	0.00050	0.00016	1	06/24/21 11:49	07/14/21 18:33	EPA 3005A	1,6020B	CD
Barium, Total	0.05376		mg/l	0.00050	0.00017	1	06/24/21 11:49	07/14/21 18:33	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/24/21 11:49	07/14/21 18:33	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/24/21 11:49	07/14/21 18:33	EPA 3005A	1,6020B	CD
Calcium, Total	35.9		mg/l	0.100	0.0394	1	06/24/21 11:49	07/14/21 18:33	EPA 3005A	1,6020B	CD
Chromium, Total	0.00119		mg/l	0.00100	0.00017	1	06/24/21 11:49	07/14/21 18:33	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00050		mg/l	0.00050	0.00016	1	06/24/21 11:49	07/14/21 18:33	EPA 3005A	1,6020B	CD
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/24/21 11:49	07/14/21 18:33	EPA 3005A	1,6020B	CD
Iron, Total	0.218		mg/l	0.0500	0.0191	1	06/24/21 11:49	07/14/21 18:33	EPA 3005A	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/24/21 11:49	07/14/21 18:33	EPA 3005A	1,6020B	CD
Magnesium, Total	9.09		mg/l	0.0700	0.0242	1	06/24/21 11:49	07/14/21 18:33	EPA 3005A	1,6020B	CD
Manganese, Total	0.02975		mg/l	0.00100	0.00044	1	06/24/21 11:49	07/14/21 18:33	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/24/21 12:40	06/30/21 21:03	EPA 7470A	1,7470A	OU
Nickel, Total	0.00437		mg/l	0.00200	0.00055	1	06/24/21 11:49	07/14/21 18:33	EPA 3005A	1,6020B	CD
Potassium, Total	3.15		mg/l	0.100	0.0309	1	06/24/21 11:49	07/14/21 18:33	EPA 3005A	1,6020B	CD
Selenium, Total	0.00253	J	mg/l	0.00500	0.00173	1	06/24/21 11:49	07/14/21 18:33	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/24/21 11:49	07/14/21 18:33	EPA 3005A	1,6020B	CD
Sodium, Total	213.		mg/l	0.100	0.0293	1	06/24/21 11:49	07/14/21 18:33	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/24/21 11:49	07/14/21 18:33	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/24/21 11:49	07/14/21 18:33	EPA 3005A	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/24/21 11:49	07/14/21 18:33	EPA 3005A	1,6020B	CD
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	0.00450	J	mg/l	0.0100	0.00327	1	06/25/21 16:05	07/14/21 17:18	EPA 3005A	1,6020B	CD
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	06/25/21 16:05	07/14/21 17:18	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00043	J	mg/l	0.00050	0.00016	1	06/25/21 16:05	07/14/21 17:18	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.04947		mg/l	0.00050	0.00017	1	06/25/21 16:05	07/14/21 17:18	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	06/25/21 16:05	07/14/21 17:18	EPA 3005A	1,6020B	CD

Project Name: 205 PARK AVENUE
Lab Number: L2133901
Project Number: 12.0076834.10
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-01
Client ID: MW-4
Sample Location: BROOKLYN, NY
Date Collected: 06/22/21 14:30
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	06/25/21 16:05	07/14/21 17:18	EPA 3005A	1,6020B	CD
Calcium, Dissolved	34.0		mg/l	0.100	0.0394	1	06/25/21 16:05	07/14/21 17:18	EPA 3005A	1,6020B	CD
Chromium, Dissolved	0.00076	J	mg/l	0.00100	0.00017	1	06/25/21 16:05	07/14/21 17:18	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	06/25/21 16:05	07/14/21 17:18	EPA 3005A	1,6020B	CD
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	06/25/21 16:05	07/14/21 17:18	EPA 3005A	1,6020B	CD
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	06/25/21 16:05	07/14/21 17:18	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	06/25/21 16:05	07/14/21 17:18	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	8.26		mg/l	0.0700	0.0242	1	06/25/21 16:05	07/14/21 17:18	EPA 3005A	1,6020B	CD
Manganese, Dissolved	0.01612		mg/l	0.00100	0.00044	1	06/25/21 16:05	07/14/21 17:18	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/25/21 16:26	06/29/21 18:14	EPA 7470A	1,7470A	OU
Nickel, Dissolved	0.00121	J	mg/l	0.00200	0.00055	1	06/25/21 16:05	07/14/21 17:18	EPA 3005A	1,6020B	CD
Potassium, Dissolved	2.95		mg/l	0.100	0.0309	1	06/25/21 16:05	07/14/21 17:18	EPA 3005A	1,6020B	CD
Selenium, Dissolved	0.00225	J	mg/l	0.00500	0.00173	1	06/25/21 16:05	07/14/21 17:18	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	06/25/21 16:05	07/14/21 17:18	EPA 3005A	1,6020B	CD
Sodium, Dissolved	201.		mg/l	0.100	0.0293	1	06/25/21 16:05	07/14/21 17:18	EPA 3005A	1,6020B	CD
Thallium, Dissolved	0.00032	J	mg/l	0.00100	0.00014	1	06/25/21 16:05	07/14/21 17:18	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	06/25/21 16:05	07/14/21 17:18	EPA 3005A	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	06/25/21 16:05	07/14/21 17:18	EPA 3005A	1,6020B	CD

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-02
Client ID: MW-5
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 06/22/21 15:30
Date Received: 06/22/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.157		mg/l	0.0100	0.00327	1	06/24/21 11:49	07/14/21 18:57	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/24/21 11:49	07/14/21 18:57	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00065		mg/l	0.00050	0.00016	1	06/24/21 11:49	07/14/21 18:57	EPA 3005A	1,6020B	CD
Barium, Total	0.07558		mg/l	0.00050	0.00017	1	06/24/21 11:49	07/14/21 18:57	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/24/21 11:49	07/14/21 18:57	EPA 3005A	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/24/21 11:49	07/14/21 18:57	EPA 3005A	1,6020B	CD
Calcium, Total	52.5		mg/l	0.100	0.0394	1	06/24/21 11:49	07/14/21 18:57	EPA 3005A	1,6020B	CD
Chromium, Total	0.00180		mg/l	0.00100	0.00017	1	06/24/21 11:49	07/14/21 18:57	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00035	J	mg/l	0.00050	0.00016	1	06/24/21 11:49	07/14/21 18:57	EPA 3005A	1,6020B	CD
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/24/21 11:49	07/14/21 18:57	EPA 3005A	1,6020B	CD
Iron, Total	0.248		mg/l	0.0500	0.0191	1	06/24/21 11:49	07/14/21 18:57	EPA 3005A	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/24/21 11:49	07/14/21 18:57	EPA 3005A	1,6020B	CD
Magnesium, Total	16.9		mg/l	0.0700	0.0242	1	06/24/21 11:49	07/14/21 18:57	EPA 3005A	1,6020B	CD
Manganese, Total	0.06058		mg/l	0.00100	0.00044	1	06/24/21 11:49	07/14/21 18:57	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/24/21 12:40	06/30/21 21:06	EPA 7470A	1,7470A	OU
Nickel, Total	0.00219		mg/l	0.00200	0.00055	1	06/24/21 11:49	07/14/21 18:57	EPA 3005A	1,6020B	CD
Potassium, Total	3.51		mg/l	0.100	0.0309	1	06/24/21 11:49	07/14/21 18:57	EPA 3005A	1,6020B	CD
Selenium, Total	0.00307	J	mg/l	0.00500	0.00173	1	06/24/21 11:49	07/14/21 18:57	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/24/21 11:49	07/14/21 18:57	EPA 3005A	1,6020B	CD
Sodium, Total	162.		mg/l	0.100	0.0293	1	06/24/21 11:49	07/14/21 18:57	EPA 3005A	1,6020B	CD
Thallium, Total	0.00022	J	mg/l	0.00100	0.00014	1	06/24/21 11:49	07/14/21 18:57	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/24/21 11:49	07/14/21 18:57	EPA 3005A	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/24/21 11:49	07/14/21 18:57	EPA 3005A	1,6020B	CD
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	06/25/21 16:05	07/14/21 17:32	EPA 3005A	1,6020B	CD
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	06/25/21 16:05	07/14/21 17:32	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	0.00060		mg/l	0.00050	0.00016	1	06/25/21 16:05	07/14/21 17:32	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.07070		mg/l	0.00050	0.00017	1	06/25/21 16:05	07/14/21 17:32	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	06/25/21 16:05	07/14/21 17:32	EPA 3005A	1,6020B	CD

Project Name: 205 PARK AVENUE
Lab Number: L2133901
Project Number: 12.0076834.10
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-02
Client ID: MW-5
Sample Location: BROOKLYN, NY
Date Collected: 06/22/21 15:30
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	06/25/21 16:05	07/14/21 17:32	EPA 3005A	1,6020B	CD
Calcium, Dissolved	49.8		mg/l	0.100	0.0394	1	06/25/21 16:05	07/14/21 17:32	EPA 3005A	1,6020B	CD
Chromium, Dissolved	0.00135		mg/l	0.00100	0.00017	1	06/25/21 16:05	07/14/21 17:32	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	06/25/21 16:05	07/14/21 17:32	EPA 3005A	1,6020B	CD
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	06/25/21 16:05	07/14/21 17:32	EPA 3005A	1,6020B	CD
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	06/25/21 16:05	07/14/21 17:32	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	06/25/21 16:05	07/14/21 17:32	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	15.7		mg/l	0.0700	0.0242	1	06/25/21 16:05	07/14/21 17:32	EPA 3005A	1,6020B	CD
Manganese, Dissolved	0.03091		mg/l	0.00100	0.00044	1	06/25/21 16:05	07/14/21 17:32	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/25/21 16:26	06/29/21 17:44	EPA 7470A	1,7470A	OU
Nickel, Dissolved	0.00144	J	mg/l	0.00200	0.00055	1	06/25/21 16:05	07/14/21 17:32	EPA 3005A	1,6020B	CD
Potassium, Dissolved	3.24		mg/l	0.100	0.0309	1	06/25/21 16:05	07/14/21 17:32	EPA 3005A	1,6020B	CD
Selenium, Dissolved	0.00274	J	mg/l	0.00500	0.00173	1	06/25/21 16:05	07/14/21 17:32	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	06/25/21 16:05	07/14/21 17:32	EPA 3005A	1,6020B	CD
Sodium, Dissolved	150.		mg/l	0.100	0.0293	1	06/25/21 16:05	07/14/21 17:32	EPA 3005A	1,6020B	CD
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	06/25/21 16:05	07/14/21 17:32	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	06/25/21 16:05	07/14/21 17:32	EPA 3005A	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	06/25/21 16:05	07/14/21 17:32	EPA 3005A	1,6020B	CD

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-03
Client ID: MW-6
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 06/22/21 10:55
Date Received: 06/22/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.378		mg/l	0.0100	0.00327	1	06/24/21 11:49	07/14/21 19:02	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/24/21 11:49	07/14/21 19:02	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00027	J	mg/l	0.00050	0.00016	1	06/24/21 11:49	07/14/21 19:02	EPA 3005A	1,6020B	CD
Barium, Total	0.1131		mg/l	0.00050	0.00017	1	06/24/21 11:49	07/14/21 19:02	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/24/21 11:49	07/14/21 19:02	EPA 3005A	1,6020B	CD
Cadmium, Total	0.00012	J	mg/l	0.00020	0.00005	1	06/24/21 11:49	07/14/21 19:02	EPA 3005A	1,6020B	CD
Calcium, Total	71.4		mg/l	0.100	0.0394	1	06/24/21 11:49	07/14/21 19:02	EPA 3005A	1,6020B	CD
Chromium, Total	0.00251		mg/l	0.00100	0.00017	1	06/24/21 11:49	07/14/21 19:02	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00103		mg/l	0.00050	0.00016	1	06/24/21 11:49	07/14/21 19:02	EPA 3005A	1,6020B	CD
Copper, Total	0.00139		mg/l	0.00100	0.00038	1	06/24/21 11:49	07/14/21 19:02	EPA 3005A	1,6020B	CD
Iron, Total	0.696		mg/l	0.0500	0.0191	1	06/24/21 11:49	07/14/21 19:02	EPA 3005A	1,6020B	CD
Lead, Total	0.00085	J	mg/l	0.00100	0.00034	1	06/24/21 11:49	07/14/21 19:02	EPA 3005A	1,6020B	CD
Magnesium, Total	31.8		mg/l	0.0700	0.0242	1	06/24/21 11:49	07/14/21 19:02	EPA 3005A	1,6020B	CD
Manganese, Total	0.5526		mg/l	0.00100	0.00044	1	06/24/21 11:49	07/14/21 19:02	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/24/21 12:40	06/30/21 21:10	EPA 7470A	1,7470A	OU
Nickel, Total	0.00818		mg/l	0.00200	0.00055	1	06/24/21 11:49	07/14/21 19:02	EPA 3005A	1,6020B	CD
Potassium, Total	5.00		mg/l	0.100	0.0309	1	06/24/21 11:49	07/14/21 19:02	EPA 3005A	1,6020B	CD
Selenium, Total	0.00266	J	mg/l	0.00500	0.00173	1	06/24/21 11:49	07/14/21 19:02	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/24/21 11:49	07/14/21 19:02	EPA 3005A	1,6020B	CD
Sodium, Total	129.		mg/l	0.100	0.0293	1	06/24/21 11:49	07/14/21 19:02	EPA 3005A	1,6020B	CD
Thallium, Total	0.00015	J	mg/l	0.00100	0.00014	1	06/24/21 11:49	07/14/21 19:02	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/24/21 11:49	07/14/21 19:02	EPA 3005A	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/24/21 11:49	07/14/21 19:02	EPA 3005A	1,6020B	CD
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	06/25/21 16:05	07/14/21 18:24	EPA 3005A	1,6020B	CD
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	06/25/21 16:05	07/14/21 18:24	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	06/25/21 16:05	07/14/21 18:24	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.1090		mg/l	0.00050	0.00017	1	06/25/21 16:05	07/14/21 18:24	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	06/25/21 16:05	07/14/21 18:24	EPA 3005A	1,6020B	CD

Project Name: 205 PARK AVENUE
Lab Number: L2133901
Project Number: 12.0076834.10
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-03
Client ID: MW-6
Sample Location: BROOKLYN, NY
Date Collected: 06/22/21 10:55
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00013	J	mg/l	0.00020	0.00005	1	06/25/21 16:05	07/14/21 18:24	EPA 3005A	1,6020B	CD
Calcium, Dissolved	70.5		mg/l	0.100	0.0394	1	06/25/21 16:05	07/14/21 18:24	EPA 3005A	1,6020B	CD
Chromium, Dissolved	0.00091	J	mg/l	0.00100	0.00017	1	06/25/21 16:05	07/14/21 18:24	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	0.00060		mg/l	0.00050	0.00016	1	06/25/21 16:05	07/14/21 18:24	EPA 3005A	1,6020B	CD
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	06/25/21 16:05	07/14/21 18:24	EPA 3005A	1,6020B	CD
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	06/25/21 16:05	07/14/21 18:24	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	06/25/21 16:05	07/14/21 18:24	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	31.6		mg/l	0.0700	0.0242	1	06/25/21 16:05	07/14/21 18:24	EPA 3005A	1,6020B	CD
Manganese, Dissolved	0.5434		mg/l	0.00100	0.00044	1	06/25/21 16:05	07/14/21 18:24	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/25/21 16:26	06/29/21 18:17	EPA 7470A	1,7470A	OU
Nickel, Dissolved	0.00661		mg/l	0.00200	0.00055	1	06/25/21 16:05	07/14/21 18:24	EPA 3005A	1,6020B	CD
Potassium, Dissolved	4.62		mg/l	0.100	0.0309	1	06/25/21 16:05	07/14/21 18:24	EPA 3005A	1,6020B	CD
Selenium, Dissolved	0.00255	J	mg/l	0.00500	0.00173	1	06/25/21 16:05	07/14/21 18:24	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	06/25/21 16:05	07/14/21 18:24	EPA 3005A	1,6020B	CD
Sodium, Dissolved	127.		mg/l	0.100	0.0293	1	06/25/21 16:05	07/14/21 18:24	EPA 3005A	1,6020B	CD
Thallium, Dissolved	0.00040	J	mg/l	0.00100	0.00014	1	06/25/21 16:05	07/14/21 18:24	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	06/25/21 16:05	07/14/21 18:24	EPA 3005A	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	06/25/21 16:05	07/14/21 18:24	EPA 3005A	1,6020B	CD

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-04
Client ID: DUP-1
Sample Location: BROOKLYN, NY
Sample Depth:
Matrix: Water

Date Collected: 06/22/21 11:10
Date Received: 06/22/21
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Aluminum, Total	0.348		mg/l	0.0100	0.00327	1	06/24/21 11:49	07/14/21 19:07	EPA 3005A	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/24/21 11:49	07/14/21 19:07	EPA 3005A	1,6020B	CD
Arsenic, Total	0.00028	J	mg/l	0.00050	0.00016	1	06/24/21 11:49	07/14/21 19:07	EPA 3005A	1,6020B	CD
Barium, Total	0.1186		mg/l	0.00050	0.00017	1	06/24/21 11:49	07/14/21 19:07	EPA 3005A	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/24/21 11:49	07/14/21 19:07	EPA 3005A	1,6020B	CD
Cadmium, Total	0.00013	J	mg/l	0.00020	0.00005	1	06/24/21 11:49	07/14/21 19:07	EPA 3005A	1,6020B	CD
Calcium, Total	75.1		mg/l	0.100	0.0394	1	06/24/21 11:49	07/14/21 19:07	EPA 3005A	1,6020B	CD
Chromium, Total	0.00230		mg/l	0.00100	0.00017	1	06/24/21 11:49	07/14/21 19:07	EPA 3005A	1,6020B	CD
Cobalt, Total	0.00099		mg/l	0.00050	0.00016	1	06/24/21 11:49	07/14/21 19:07	EPA 3005A	1,6020B	CD
Copper, Total	0.00131		mg/l	0.00100	0.00038	1	06/24/21 11:49	07/14/21 19:07	EPA 3005A	1,6020B	CD
Iron, Total	0.626		mg/l	0.0500	0.0191	1	06/24/21 11:49	07/14/21 19:07	EPA 3005A	1,6020B	CD
Lead, Total	0.00071	J	mg/l	0.00100	0.00034	1	06/24/21 11:49	07/14/21 19:07	EPA 3005A	1,6020B	CD
Magnesium, Total	33.2		mg/l	0.0700	0.0242	1	06/24/21 11:49	07/14/21 19:07	EPA 3005A	1,6020B	CD
Manganese, Total	0.5767		mg/l	0.00100	0.00044	1	06/24/21 11:49	07/14/21 19:07	EPA 3005A	1,6020B	CD
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/24/21 12:40	06/30/21 21:13	EPA 7470A	1,7470A	OU
Nickel, Total	0.00830		mg/l	0.00200	0.00055	1	06/24/21 11:49	07/14/21 19:07	EPA 3005A	1,6020B	CD
Potassium, Total	5.19		mg/l	0.100	0.0309	1	06/24/21 11:49	07/14/21 19:07	EPA 3005A	1,6020B	CD
Selenium, Total	0.00249	J	mg/l	0.00500	0.00173	1	06/24/21 11:49	07/14/21 19:07	EPA 3005A	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/24/21 11:49	07/14/21 19:07	EPA 3005A	1,6020B	CD
Sodium, Total	132.		mg/l	0.100	0.0293	1	06/24/21 11:49	07/14/21 19:07	EPA 3005A	1,6020B	CD
Thallium, Total	ND		mg/l	0.00100	0.00014	1	06/24/21 11:49	07/14/21 19:07	EPA 3005A	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/24/21 11:49	07/14/21 19:07	EPA 3005A	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/24/21 11:49	07/14/21 19:07	EPA 3005A	1,6020B	CD
Dissolved Metals - Mansfield Lab											
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	06/25/21 16:05	07/14/21 18:28	EPA 3005A	1,6020B	CD
Antimony, Dissolved	ND		mg/l	0.00400	0.00042	1	06/25/21 16:05	07/14/21 18:28	EPA 3005A	1,6020B	CD
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	06/25/21 16:05	07/14/21 18:28	EPA 3005A	1,6020B	CD
Barium, Dissolved	0.1078		mg/l	0.00050	0.00017	1	06/25/21 16:05	07/14/21 18:28	EPA 3005A	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	06/25/21 16:05	07/14/21 18:28	EPA 3005A	1,6020B	CD

Project Name: 205 PARK AVENUE
Lab Number: L2133901
Project Number: 12.0076834.10
Report Date: 07/19/21

SAMPLE RESULTS

Lab ID: L2133901-04
Client ID: DUP-1
Sample Location: BROOKLYN, NY
Date Collected: 06/22/21 11:10
Date Received: 06/22/21
Field Prep: Not Specified

Sample Depth:
Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Cadmium, Dissolved	0.00010	J	mg/l	0.00020	0.00005	1	06/25/21 16:05	07/14/21 18:28	EPA 3005A	1,6020B	CD
Calcium, Dissolved	69.8		mg/l	0.100	0.0394	1	06/25/21 16:05	07/14/21 18:28	EPA 3005A	1,6020B	CD
Chromium, Dissolved	0.00096	J	mg/l	0.00100	0.00017	1	06/25/21 16:05	07/14/21 18:28	EPA 3005A	1,6020B	CD
Cobalt, Dissolved	0.00062		mg/l	0.00050	0.00016	1	06/25/21 16:05	07/14/21 18:28	EPA 3005A	1,6020B	CD
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	06/25/21 16:05	07/14/21 18:28	EPA 3005A	1,6020B	CD
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	06/25/21 16:05	07/14/21 18:28	EPA 3005A	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	06/25/21 16:05	07/14/21 18:28	EPA 3005A	1,6020B	CD
Magnesium, Dissolved	31.4		mg/l	0.0700	0.0242	1	06/25/21 16:05	07/14/21 18:28	EPA 3005A	1,6020B	CD
Manganese, Dissolved	0.5408		mg/l	0.00100	0.00044	1	06/25/21 16:05	07/14/21 18:28	EPA 3005A	1,6020B	CD
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/25/21 16:26	06/29/21 18:20	EPA 7470A	1,7470A	OU
Nickel, Dissolved	0.00651		mg/l	0.00200	0.00055	1	06/25/21 16:05	07/14/21 18:28	EPA 3005A	1,6020B	CD
Potassium, Dissolved	4.61		mg/l	0.100	0.0309	1	06/25/21 16:05	07/14/21 18:28	EPA 3005A	1,6020B	CD
Selenium, Dissolved	0.00237	J	mg/l	0.00500	0.00173	1	06/25/21 16:05	07/14/21 18:28	EPA 3005A	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	06/25/21 16:05	07/14/21 18:28	EPA 3005A	1,6020B	CD
Sodium, Dissolved	127.		mg/l	0.100	0.0293	1	06/25/21 16:05	07/14/21 18:28	EPA 3005A	1,6020B	CD
Thallium, Dissolved	0.00022	J	mg/l	0.00100	0.00014	1	06/25/21 16:05	07/14/21 18:28	EPA 3005A	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	06/25/21 16:05	07/14/21 18:28	EPA 3005A	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	06/25/21 16:05	07/14/21 18:28	EPA 3005A	1,6020B	CD

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1516203-1										
Aluminum, Total	ND		mg/l	0.0100	0.00327	1	06/24/21 11:49	07/14/21 17:55	1,6020B	CD
Antimony, Total	ND		mg/l	0.00400	0.00042	1	06/24/21 11:49	07/14/21 17:55	1,6020B	CD
Arsenic, Total	ND		mg/l	0.00050	0.00016	1	06/24/21 11:49	07/14/21 17:55	1,6020B	CD
Barium, Total	ND		mg/l	0.00050	0.00017	1	06/24/21 11:49	07/14/21 17:55	1,6020B	CD
Beryllium, Total	ND		mg/l	0.00050	0.00010	1	06/24/21 11:49	07/14/21 17:55	1,6020B	CD
Cadmium, Total	ND		mg/l	0.00020	0.00005	1	06/24/21 11:49	07/14/21 17:55	1,6020B	CD
Calcium, Total	ND		mg/l	0.100	0.0394	1	06/24/21 11:49	07/14/21 17:55	1,6020B	CD
Chromium, Total	ND		mg/l	0.00100	0.00017	1	06/24/21 11:49	07/14/21 17:55	1,6020B	CD
Cobalt, Total	ND		mg/l	0.00050	0.00016	1	06/24/21 11:49	07/14/21 17:55	1,6020B	CD
Copper, Total	ND		mg/l	0.00100	0.00038	1	06/24/21 11:49	07/14/21 17:55	1,6020B	CD
Iron, Total	ND		mg/l	0.0500	0.0191	1	06/24/21 11:49	07/14/21 17:55	1,6020B	CD
Lead, Total	ND		mg/l	0.00100	0.00034	1	06/24/21 11:49	07/14/21 17:55	1,6020B	CD
Magnesium, Total	ND		mg/l	0.0700	0.0242	1	06/24/21 11:49	07/14/21 17:55	1,6020B	CD
Manganese, Total	ND		mg/l	0.00100	0.00044	1	06/24/21 11:49	07/14/21 17:55	1,6020B	CD
Nickel, Total	ND		mg/l	0.00200	0.00055	1	06/24/21 11:49	07/14/21 17:55	1,6020B	CD
Potassium, Total	ND		mg/l	0.100	0.0309	1	06/24/21 11:49	07/14/21 17:55	1,6020B	CD
Selenium, Total	ND		mg/l	0.00500	0.00173	1	06/24/21 11:49	07/14/21 17:55	1,6020B	CD
Silver, Total	ND		mg/l	0.00040	0.00016	1	06/24/21 11:49	07/14/21 17:55	1,6020B	CD
Sodium, Total	ND		mg/l	0.100	0.0293	1	06/24/21 11:49	07/14/21 17:55	1,6020B	CD
Thallium, Total	0.00019	J	mg/l	0.00100	0.00014	1	06/24/21 11:49	07/14/21 17:55	1,6020B	CD
Vanadium, Total	ND		mg/l	0.00500	0.00157	1	06/24/21 11:49	07/14/21 17:55	1,6020B	CD
Zinc, Total	ND		mg/l	0.01000	0.00341	1	06/24/21 11:49	07/14/21 17:55	1,6020B	CD

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1516204-1										
Mercury, Total	ND		mg/l	0.00020	0.00009	1	06/24/21 12:40	06/30/21 20:15	1,7470A	OU

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1516532-1										
Aluminum, Dissolved	ND		mg/l	0.0100	0.00327	1	06/25/21 16:05	07/14/21 16:54	1,6020B	CD
Antimony, Dissolved	0.00062	J	mg/l	0.00400	0.00042	1	06/25/21 16:05	07/14/21 16:54	1,6020B	CD
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	06/25/21 16:05	07/14/21 16:54	1,6020B	CD
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	06/25/21 16:05	07/14/21 16:54	1,6020B	CD
Beryllium, Dissolved	ND		mg/l	0.00050	0.00010	1	06/25/21 16:05	07/14/21 16:54	1,6020B	CD
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	06/25/21 16:05	07/14/21 16:54	1,6020B	CD
Calcium, Dissolved	ND		mg/l	0.100	0.0394	1	06/25/21 16:05	07/14/21 16:54	1,6020B	CD
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	06/25/21 16:05	07/14/21 16:54	1,6020B	CD
Cobalt, Dissolved	ND		mg/l	0.00050	0.00016	1	06/25/21 16:05	07/14/21 16:54	1,6020B	CD
Copper, Dissolved	ND		mg/l	0.00100	0.00038	1	06/25/21 16:05	07/14/21 16:54	1,6020B	CD
Iron, Dissolved	ND		mg/l	0.0500	0.0191	1	06/25/21 16:05	07/14/21 16:54	1,6020B	CD
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	06/25/21 16:05	07/14/21 16:54	1,6020B	CD
Magnesium, Dissolved	ND		mg/l	0.0700	0.0242	1	06/25/21 16:05	07/14/21 16:54	1,6020B	CD
Manganese, Dissolved	ND		mg/l	0.00100	0.00044	1	06/25/21 16:05	07/14/21 16:54	1,6020B	CD
Nickel, Dissolved	ND		mg/l	0.00200	0.00055	1	06/25/21 16:05	07/14/21 16:54	1,6020B	CD
Potassium, Dissolved	ND		mg/l	0.100	0.0309	1	06/25/21 16:05	07/14/21 16:54	1,6020B	CD
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	06/25/21 16:05	07/14/21 16:54	1,6020B	CD
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	06/25/21 16:05	07/14/21 16:54	1,6020B	CD
Sodium, Dissolved	ND		mg/l	0.100	0.0293	1	06/25/21 16:05	07/14/21 16:54	1,6020B	CD
Thallium, Dissolved	ND		mg/l	0.00100	0.00014	1	06/25/21 16:05	07/14/21 16:54	1,6020B	CD
Vanadium, Dissolved	ND		mg/l	0.00500	0.00157	1	06/25/21 16:05	07/14/21 16:54	1,6020B	CD
Zinc, Dissolved	ND		mg/l	0.01000	0.00341	1	06/25/21 16:05	07/14/21 16:54	1,6020B	CD

Prep Information

Digestion Method: EPA 3005A

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10
Lab Number: L2133901
Report Date: 07/19/21

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-04 Batch: WG1516534-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	06/25/21 16:26	06/29/21 17:38	1,7470A	OU

Prep Information

Digestion Method: EPA 7470A

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2133901

Report Date: 07/19/21

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1516203-2								
Aluminum, Total	98		-		80-120	-		
Antimony, Total	88		-		80-120	-		
Arsenic, Total	102		-		80-120	-		
Barium, Total	98		-		80-120	-		
Beryllium, Total	100		-		80-120	-		
Cadmium, Total	110		-		80-120	-		
Calcium, Total	88		-		80-120	-		
Chromium, Total	93		-		80-120	-		
Cobalt, Total	95		-		80-120	-		
Copper, Total	96		-		80-120	-		
Iron, Total	95		-		80-120	-		
Lead, Total	111		-		80-120	-		
Magnesium, Total	105		-		80-120	-		
Manganese, Total	93		-		80-120	-		
Nickel, Total	91		-		80-120	-		
Potassium, Total	107		-		80-120	-		
Selenium, Total	102		-		80-120	-		
Silver, Total	102		-		80-120	-		
Sodium, Total	97		-		80-120	-		
Thallium, Total	111		-		80-120	-		
Vanadium, Total	92		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2133901

Report Date: 07/19/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1516203-2					
Zinc, Total	104	-	80-120	-	
Total Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1516204-2					
Mercury, Total	102	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2133901

Report Date: 07/19/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1516532-2					
Aluminum, Dissolved	96	-	80-120	-	
Antimony, Dissolved	86	-	80-120	-	
Arsenic, Dissolved	100	-	80-120	-	
Barium, Dissolved	96	-	80-120	-	
Beryllium, Dissolved	94	-	80-120	-	
Cadmium, Dissolved	103	-	80-120	-	
Calcium, Dissolved	84	-	80-120	-	
Chromium, Dissolved	91	-	80-120	-	
Cobalt, Dissolved	91	-	80-120	-	
Copper, Dissolved	92	-	80-120	-	
Iron, Dissolved	90	-	80-120	-	
Lead, Dissolved	104	-	80-120	-	
Magnesium, Dissolved	102	-	80-120	-	
Manganese, Dissolved	89	-	80-120	-	
Nickel, Dissolved	86	-	80-120	-	
Potassium, Dissolved	102	-	80-120	-	
Selenium, Dissolved	97	-	80-120	-	
Silver, Dissolved	97	-	80-120	-	
Sodium, Dissolved	97	-	80-120	-	
Thallium, Dissolved	106	-	80-120	-	
Vanadium, Dissolved	87	-	80-120	-	

Lab Control Sample Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2133901

Report Date: 07/19/21

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1516532-2					
Zinc, Dissolved	99	-	80-120	-	
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 Batch: WG1516534-2					
Mercury, Dissolved	102	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1516203-3 WG1516203-4 QC Sample: L2131786-03 Client ID: MS Sample												
Aluminum, Total	0.00831J	2	1.98	99		1.97	98		75-125	1		20
Antimony, Total	ND	0.5	0.4373	87		0.4418	88		75-125	1		20
Arsenic, Total	ND	0.12	0.1213	101		0.1223	102		75-125	1		20
Barium, Total	0.04336	2	2.018	99		2.042	100		75-125	1		20
Beryllium, Total	ND	0.05	0.05050	101		0.05070	101		75-125	0		20
Cadmium, Total	ND	0.053	0.05820	110		0.05910	112		75-125	2		20
Calcium, Total	38.5	10	47.5	90		47.3	88		75-125	0		20
Chromium, Total	ND	0.2	0.1875	94		0.1869	93		75-125	0		20
Cobalt, Total	ND	0.5	0.4675	94		0.4760	95		75-125	2		20
Copper, Total	ND	0.25	0.2363	94		0.2374	95		75-125	0		20
Iron, Total	ND	1	0.979	98		0.940	94		75-125	4		20
Lead, Total	ND	0.53	0.5796	109		0.5894	111		75-125	2		20
Magnesium, Total	6.01	10	16.3	103		16.4	104		75-125	1		20
Manganese, Total	0.02514	0.5	0.4876	92		0.4934	94		75-125	1		20
Nickel, Total	ND	0.5	0.4455	89		0.4546	91		75-125	2		20
Potassium, Total	2.73	10	13.2	105		13.6	109		75-125	3		20
Selenium, Total	ND	0.12	0.124	103		0.128	107		75-125	3		20
Silver, Total	ND	0.05	0.05056	101		0.05161	103		75-125	2		20
Sodium, Total	7.95	10	17.2	92		17.7	98		75-125	3		20
Thallium, Total	0.00098J	0.12	0.1355	113		0.1385	115		75-125	2		20
Vanadium, Total	ND	0.5	0.4515	90		0.4615	92		75-125	2		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1516203-3 WG1516203-4 QC Sample: L2131786-03 Client ID: MS Sample									
Zinc, Total	ND	0.5	0.5094	102	0.5135	103	75-125	1	20
Total Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1516204-3 WG1516204-4 QC Sample: L2131786-03 Client ID: MS Sample									
Mercury, Total	ND	0.005	0.00497	99	0.00501	100	75-125	1	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1516532-3 QC Sample: L2133901-01 Client ID: MW-4										
Aluminum, Dissolved	0.00450J	2	1.89	94		-	-	75-125	-	20
Antimony, Dissolved	ND	0.5	0.4083	82		-	-	75-125	-	20
Arsenic, Dissolved	0.00043J	0.12	0.1174	98		-	-	75-125	-	20
Barium, Dissolved	0.04947	2	1.946	95		-	-	75-125	-	20
Beryllium, Dissolved	ND	0.05	0.04750	95		-	-	75-125	-	20
Cadmium, Dissolved	ND	0.053	0.05564	105		-	-	75-125	-	20
Calcium, Dissolved	34.0	10	42.7	87		-	-	75-125	-	20
Chromium, Dissolved	0.00076J	0.2	0.1819	91		-	-	75-125	-	20
Cobalt, Dissolved	ND	0.5	0.4562	91		-	-	75-125	-	20
Copper, Dissolved	ND	0.25	0.2211	88		-	-	75-125	-	20
Iron, Dissolved	ND	1	0.912	91		-	-	75-125	-	20
Lead, Dissolved	ND	0.53	0.5509	104		-	-	75-125	-	20
Magnesium, Dissolved	8.26	10	18.1	98		-	-	75-125	-	20
Manganese, Dissolved	0.01612	0.5	0.4667	90		-	-	75-125	-	20
Nickel, Dissolved	0.00121J	0.5	0.4365	87		-	-	75-125	-	20
Potassium, Dissolved	2.95	10	12.8	98		-	-	75-125	-	20
Selenium, Dissolved	0.00225J	0.12	0.125	104		-	-	75-125	-	20
Silver, Dissolved	ND	0.05	0.04897	98		-	-	75-125	-	20
Sodium, Dissolved	201.	10	184	**0**	Q	-	-	75-125	-	20
Thallium, Dissolved	0.00032J	0.12	0.1296	108		-	-	75-125	-	20
Vanadium, Dissolved	ND	0.5	0.4478	90		-	-	75-125	-	20

Matrix Spike Analysis
Batch Quality Control

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	MSD Found	MSD %Recovery	Recovery Limits	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1516532-3 QC Sample: L2133901-01 Client ID: MW-4									
Zinc, Dissolved	ND	0.5	0.4863	97	-	-	75-125	-	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1516534-3 QC Sample: L2133901-02 Client ID: MW-5									
Mercury, Dissolved	ND	0.005	0.00506	101	-	-	75-125	-	20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2133901

Report Date: 07/19/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1516532-4 QC Sample: L2133901-01 Client ID: MW-4						
Aluminum, Dissolved	0.00450J	0.00436J	mg/l	NC		20
Antimony, Dissolved	ND	0.00046J	mg/l	NC		20
Arsenic, Dissolved	0.00043J	0.00049J	mg/l	NC		20
Barium, Dissolved	0.04947	0.04912	mg/l	1		20
Beryllium, Dissolved	ND	ND	mg/l	NC		20
Cadmium, Dissolved	ND	ND	mg/l	NC		20
Calcium, Dissolved	34.0	34.0	mg/l	0		20
Chromium, Dissolved	0.00076J	0.00091J	mg/l	NC		20
Cobalt, Dissolved	ND	ND	mg/l	NC		20
Copper, Dissolved	ND	ND	mg/l	NC		20
Iron, Dissolved	ND	ND	mg/l	NC		20
Lead, Dissolved	ND	ND	mg/l	NC		20
Magnesium, Dissolved	8.26	8.19	mg/l	1		20
Manganese, Dissolved	0.01612	0.01603	mg/l	1		20
Nickel, Dissolved	0.00121J	0.00109J	mg/l	NC		20
Potassium, Dissolved	2.95	2.88	mg/l	2		20
Selenium, Dissolved	0.00225J	0.00232J	mg/l	NC		20
Silver, Dissolved	ND	ND	mg/l	NC		20
Sodium, Dissolved	201.	199	mg/l	1		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 205 PARK AVENUE

Project Number: 12.0076834.10

Lab Number: L2133901

Report Date: 07/19/21

Parameter	Native Sample	Duplicate Sample	Units	RPD	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1516532-4 QC Sample: L2133901-01 Client ID: MW-4					
Thallium, Dissolved	0.00032J	0.00097J	mg/l	NC	20
Vanadium, Dissolved	ND	ND	mg/l	NC	20
Zinc, Dissolved	ND	ND	mg/l	NC	20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-04 QC Batch ID: WG1516534-4 QC Sample: L2133901-02 Client ID: MW-5					
Mercury, Dissolved	ND	ND	mg/l	NC	20

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent
B	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2133901-01A	Vial HCl preserved	B	NA		2.7	Y	Absent		NYTCL-8260(14)
L2133901-01B	Vial HCl preserved	B	NA		2.7	Y	Absent		NYTCL-8260(14)
L2133901-01C	Vial HCl preserved	B	NA		2.7	Y	Absent		NYTCL-8260(14)
L2133901-01D	Plastic 250ml unpreserved	A	NA		3.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L2133901-01E	Plastic 250ml unpreserved	A	NA		3.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L2133901-01F	Plastic 250ml unpreserved	B	7	7	2.7	Y	Absent		-
L2133901-01G	Plastic 250ml HNO3 preserved	B	<2	<2	2.7	Y	Absent		BA-6020T(180),SE-6020T(180),FE-6020T(180),TL-6020T(180),K-6020T(180),CA-6020T(180),NI-6020T(180),CR-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),SB-6020T(180),V-6020T(180),HG-T(28),CD-6020T(180),MG-6020T(180),AL-6020T(180),AG-6020T(180),CO-6020T(180)
L2133901-01H	Amber 120ml unpreserved	B	7	7	2.7	Y	Absent		NYTCL-8082-LVI(365)
L2133901-01I	Amber 120ml unpreserved	B	7	7	2.7	Y	Absent		NYTCL-8082-LVI(365)
L2133901-01J	Amber 120ml unpreserved	B	7	7	2.7	Y	Absent		NYTCL-8081(7)
L2133901-01K	Amber 120ml unpreserved	B	7	7	2.7	Y	Absent		NYTCL-8081(7)
L2133901-01L	Amber 250ml unpreserved	B	7	7	2.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2133901-01M	Amber 250ml unpreserved	B	7	7	2.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2133901-01N	Amber 250ml unpreserved	B	7	7	2.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2133901-01O	Amber 250ml unpreserved	B	7	7	2.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)

*Values in parentheses indicate holding time in days

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2133901-01X	Plastic 120ml HNO3 preserved Filtrates	B	NA		2.7	Y	Absent		V-6020S(180),SE-6020S(180),CU-6020S(180),K-6020S(180),MN-6020S(180),MG-6020S(180),BE-6020S(180),CO-6020S(180),ZN-6020S(180),FE-6020S(180),CR-6020S(180),CA-6020S(180),NA-6020S(180),TL-6020S(180),PB-6020S(180),NI-6020S(180),BA-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),CD-6020S(180),HG-S(28),AL-6020S(180)
L2133901-02A	Vial HCl preserved	B	NA		2.7	Y	Absent		NYTCL-8260(14)
L2133901-02B	Vial HCl preserved	B	NA		2.7	Y	Absent		NYTCL-8260(14)
L2133901-02C	Vial HCl preserved	B	NA		2.7	Y	Absent		NYTCL-8260(14)
L2133901-02D	Plastic 250ml unpreserved	A	NA		3.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L2133901-02E	Plastic 250ml unpreserved	A	NA		3.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L2133901-02F	Plastic 250ml unpreserved	B	7	7	2.7	Y	Absent		-
L2133901-02G	Plastic 250ml HNO3 preserved	B	<2	<2	2.7	Y	Absent		TL-6020T(180),SE-6020T(180),BA-6020T(180),FE-6020T(180),K-6020T(180),NI-6020T(180),CA-6020T(180),CR-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),CD-6020T(180),AL-6020T(180),AG-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2133901-02H	Amber 120ml unpreserved	B	7	7	2.7	Y	Absent		NYTCL-8082-LVI(365)
L2133901-02I	Amber 120ml unpreserved	B	7	7	2.7	Y	Absent		NYTCL-8082-LVI(365)
L2133901-02J	Amber 120ml unpreserved	B	7	7	2.7	Y	Absent		NYTCL-8081(7)
L2133901-02K	Amber 120ml unpreserved	B	7	7	2.7	Y	Absent		NYTCL-8081(7)
L2133901-02L	Amber 250ml unpreserved	B	7	7	2.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2133901-02M	Amber 250ml unpreserved	B	7	7	2.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2133901-02N	Amber 250ml unpreserved	B	7	7	2.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2133901-02O	Amber 250ml unpreserved	B	7	7	2.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)

*Values in parentheses indicate holding time in days

Project Name: 205 PARK AVENUE
Project Number: 12.0076834.10

Lab Number: L2133901
Report Date: 07/19/21

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2133901-02X	Plastic 120ml HNO3 preserved Filtrates	B	NA		2.7	Y	Absent		CU-6020S(180),SE-6020S(180),V-6020S(180),K-6020S(180),MN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),ZN-6020S(180),CR-6020S(180),FE-6020S(180),CA-6020S(180),BA-6020S(180),NI-6020S(180),TL-6020S(180),PB-6020S(180),NA-6020S(180),SB-6020S(180),AS-6020S(180),AG-6020S(180),CD-6020S(180),HG-S(28),AL-6020S(180)
L2133901-03A	Vial HCl preserved	B	NA		2.7	Y	Absent		NYTCL-8260(14)
L2133901-03B	Vial HCl preserved	B	NA		2.7	Y	Absent		NYTCL-8260(14)
L2133901-03C	Vial HCl preserved	B	NA		2.7	Y	Absent		NYTCL-8260(14)
L2133901-03D	Plastic 250ml unpreserved	A	NA		3.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L2133901-03E	Plastic 250ml unpreserved	A	NA		3.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L2133901-03F	Plastic 250ml unpreserved	B	7	7	2.7	Y	Absent		-
L2133901-03G	Plastic 250ml HNO3 preserved	B	<2	<2	2.7	Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),FE-6020T(180),CR-6020T(180),CA-6020T(180),K-6020T(180),NI-6020T(180),CU-6020T(180),NA-6020T(180),ZN-6020T(180),PB-6020T(180),MN-6020T(180),BE-6020T(180),AS-6020T(180),V-6020T(180),SB-6020T(180),AL-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2133901-03H	Amber 120ml unpreserved	B	7	7	2.7	Y	Absent		NYTCL-8082-LVI(365)
L2133901-03I	Amber 120ml unpreserved	B	7	7	2.7	Y	Absent		NYTCL-8082-LVI(365)
L2133901-03J	Amber 120ml unpreserved	B	7	7	2.7	Y	Absent		NYTCL-8081(7)
L2133901-03K	Amber 120ml unpreserved	B	7	7	2.7	Y	Absent		NYTCL-8081(7)
L2133901-03L	Amber 250ml unpreserved	B	7	7	2.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2133901-03M	Amber 250ml unpreserved	B	7	7	2.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2133901-03N	Amber 250ml unpreserved	B	7	7	2.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2133901-03O	Amber 250ml unpreserved	B	7	7	2.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)

*Values in parentheses indicate holding time in days

Project Name: 205 PARK AVENUE
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2133901-03X	Plastic 120ml HNO3 preserved Filtrates	B	NA		2.7	Y	Absent		V-6020S(180),CU-6020S(180),K-6020S(180),SE-6020S(180),MN-6020S(180),ZN-6020S(180),BE-6020S(180),CO-6020S(180),MG-6020S(180),FE-6020S(180),CA-6020S(180),CR-6020S(180),PB-6020S(180),BA-6020S(180),TL-6020S(180),NI-6020S(180),NA-6020S(180),AG-6020S(180),AS-6020S(180),SB-6020S(180),AL-6020S(180),CD-6020S(180),HG-S(28)
L2133901-04A	Vial HCl preserved	B	NA		2.7	Y	Absent		NYTCL-8260(14)
L2133901-04B	Vial HCl preserved	B	NA		2.7	Y	Absent		NYTCL-8260(14)
L2133901-04C	Vial HCl preserved	B	NA		2.7	Y	Absent		NYTCL-8260(14)
L2133901-04D	Plastic 250ml unpreserved	A	NA		3.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L2133901-04E	Plastic 250ml unpreserved	A	NA		3.1	Y	Absent		A2-NY-537-ISOTOPE(14)
L2133901-04F	Plastic 250ml unpreserved	B	7	7	2.7	Y	Absent		-
L2133901-04G	Plastic 250ml HNO3 preserved	B	<2	<2	2.7	Y	Absent		BA-6020T(180),SE-6020T(180),TL-6020T(180),FE-6020T(180),CA-6020T(180),CR-6020T(180),K-6020T(180),NI-6020T(180),NA-6020T(180),CU-6020T(180),ZN-6020T(180),PB-6020T(180),BE-6020T(180),MN-6020T(180),SB-6020T(180),V-6020T(180),AS-6020T(180),AL-6020T(180),AG-6020T(180),CD-6020T(180),HG-T(28),MG-6020T(180),CO-6020T(180)
L2133901-04H	Amber 120ml unpreserved	B	7	7	2.7	Y	Absent		NYTCL-8082-LVI(365)
L2133901-04I	Amber 120ml unpreserved	B	7	7	2.7	Y	Absent		NYTCL-8082-LVI(365)
L2133901-04J	Amber 120ml unpreserved	B	7	7	2.7	Y	Absent		NYTCL-8081(7)
L2133901-04K	Amber 120ml unpreserved	B	7	7	2.7	Y	Absent		NYTCL-8081(7)
L2133901-04L	Amber 250ml unpreserved	B	7	7	2.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2133901-04M	Amber 250ml unpreserved	B	7	7	2.7	Y	Absent		NYTCL-8270-SIM-LVI(7),NYTCL-8270-LVI(7)
L2133901-04N	Amber 250ml unpreserved	B	7	7	2.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)
L2133901-04O	Amber 250ml unpreserved	B	7	7	2.7	Y	Absent		A2-1,4-DIOXANE-SIM(7)

*Values in parentheses indicate holding time in days

Project Name: 205 PARK AVENUE
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Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2133901-04X	Plastic 120ml HNO3 preserved Filtrates	B	NA		2.7	Y	Absent		SE-6020S(180),V-6020S(180),CU-6020S(180),K-6020S(180),MN-6020S(180),MG-6020S(180),ZN-6020S(180),CO-6020S(180),BE-6020S(180),FE-6020S(180),CA-6020S(180),CR-6020S(180),BA-6020S(180),TL-6020S(180),NA-6020S(180),PB-6020S(180),NI-6020S(180),AS-6020S(180),AG-6020S(180),SB-6020S(180),CD-6020S(180),HG-S(28),AL-6020S(180)

*Values in parentheses indicate holding time in days

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PFAS PARAMETER SUMMARY

Parameter	Acronym	CAS Number
PERFLUOROALKYL CARBOXYLIC ACIDS (PFCAs)		
Perfluorooctadecanoic Acid	PFODA	16517-11-6
Perfluorohexadecanoic Acid	PFHxDA	67905-19-5
Perfluorotetradecanoic Acid	PFTA	376-06-7
Perfluorotridecanoic Acid	PFTrDA	72629-94-8
Perfluorododecanoic Acid	PFDoA	307-55-1
Perfluoroundecanoic Acid	PFUnA	2058-94-8
Perfluorodecanoic Acid	PFDA	335-76-2
Perfluorononanoic Acid	PFNA	375-95-1
Perfluorooctanoic Acid	PFOA	335-67-1
Perfluoroheptanoic Acid	PFHpA	375-85-9
Perfluorohexanoic Acid	PFHxA	307-24-4
Perfluoropentanoic Acid	PFPeA	2706-90-3
Perfluorobutanoic Acid	PFBA	375-22-4
PERFLUOROALKYL SULFONIC ACIDS (PFSAs)		
Perfluorododecanesulfonic Acid	PFDoDS	79780-39-5
Perfluorodecanesulfonic Acid	PFDS	335-77-3
Perfluorononanesulfonic Acid	PFNS	68259-12-1
Perfluorooctanesulfonic Acid	PFOS	1763-23-1
Perfluoroheptanesulfonic Acid	PFHpS	375-92-8
Perfluorohexanesulfonic Acid	PFHxS	355-46-4
Perfluoropentanesulfonic Acid	PFPeS	2706-91-4
Perfluorobutanesulfonic Acid	PFBS	375-73-5
FLUOROTELOMERS		
1H,1H,2H,2H-Perfluorododecanesulfonic Acid	10:2FTS	120226-60-0
1H,1H,2H,2H-Perfluorodecanesulfonic Acid	8:2FTS	39108-34-4
1H,1H,2H,2H-Perfluorooctanesulfonic Acid	6:2FTS	27619-97-2
1H,1H,2H,2H-Perfluorohexanesulfonic Acid	4:2FTS	757124-72-4
PERFLUOROALKANE SULFONAMIDES (FASAs)		
Perfluorooctanesulfonamide	FOSA	754-91-6
N-Ethyl Perfluorooctane Sulfonamide	NEtFOSA	4151-50-2
N-Methyl Perfluorooctane Sulfonamide	NMeFOSA	31506-32-8
PERFLUOROALKANE SULFONYL SUBSTANCES		
N-Ethyl Perfluorooctanesulfonamido Ethanol	NEtFOSE	1691-99-2
N-Methyl Perfluorooctanesulfonamido Ethanol	NMeFOSE	24448-09-7
N-Ethyl Perfluorooctanesulfonamidoacetic Acid	NEtFOSAA	2991-50-6
N-Methyl Perfluorooctanesulfonamidoacetic Acid	NMeFOSAA	2355-31-9
PER- and POLYFLUOROALKYL ETHER CARBOXYLIC ACIDS		
2,3,3,3-Tetrafluoro-2-[1,1,2,2,3,3,3-Heptafluoropropoxy]-Propanoic Acid	HFPO-DA	13252-13-6
4,8-Dioxa-3h-Perfluorononanoic Acid	ADONA	919005-14-4
CHLORO-PERFLUOROALKYL SULFONIC ACIDS		
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	11Cl-PF3OUdS	763051-92-9
9-Chlorohexadecafluoro-3-Oxanone-1-Sulfonic Acid	9Cl-PF3ONS	756426-58-1
PERFLUOROETHER SULFONIC ACIDS (PFESAs)		
Perfluoro(2-Ethoxyethane)Sulfonic Acid	PFEESA	113507-82-7
PERFLUOROETHER/POLYETHER CARBOXYLIC ACIDS (PFPCAs)		
Perfluoro-3-Methoxypropanoic Acid	PFMPA	377-73-1
Perfluoro-4-Methoxybutanoic Acid	PFMBA	863090-89-5
Nonafluoro-3,6-Dioxaheptanoic Acid	NFDHA	151772-58-6

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GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

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Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

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

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

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Data Qualifiers

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

Report Format: DU Report with 'J' Qualifiers

Project Name:	205 PARK AVENUE	**Lab Number:**	L2133901
Project Number:	12.0076834.10	**Report Date:**	07/19/21

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

134 Determination of Selected Perfluorinated Alkyl Acids in Drinking Water by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry (LC/MS/MS) using Isotope Dilution. Alpha SOP 23528.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility
EPA 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 332: Perchlorate; **EPA 524.2:** THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

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

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page of

Date Rec'd in Lab: 6/23/21

ALPHA Job #: L2133901

Client Information

Client: GZA
Address: 55 Lane Road
Fairfield NJ
Phone: 973-774-3300
Fax:
Email: Zhan.Shu@gza.com

Project Information

Project Name: 205 Park Avenue
Project Location: Brooklyn, NY
Project # NY.0076834.10
(Use Project name as Project #) ☐
Project Manager: Zhan Shu
ALPHAQuote #:

Turn-Around Time

Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables

☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Regulatory Requirement

☒ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Billing Information

☒ Same as Client Info
PO #

Disposal Site Information

Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☒

Other project specific requirements/comments:

Please specify Metals or TAL.

ANALYSIS

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	VOCs (8260)	SVOCs (8270)	Pesticides (8081)	PCBs (8082)	Total and Dissolved TAL Metals	1,4-Dioxane (8260)	PFAS (537)	Total Bottle
33901-01	MW-4	6/22/2021	14:30	GW	ZS	X	X	X	X	X	X	X	
-02	MW-5		15:30	GW	LD	X	X	X	X	X	X	X	
-03	MW-6		10:55	GW	LD	X	X	X	X	X	X	X	
-04	Dup-1		11:10	GW	LD	X	X	X	X	X	X	X	

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Sample Specific Comments

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type									
Preservative									

Relinquished By:	Date/Time	Received By:	Date/Time
	6/22/21 1915		6/22/21 1915
	6/22/21 1955		6/22/21 21:30
AAL	6/23/21 01:00		6/23/21 01:00

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

APPENDIX I DATA USABILITY SUMMARY REPORT

APPENDIX I. DATA USABILITY SUMMARY REPORT

205 Park Avenue
Brooklyn, New York

Laboratory Report Number	**L2000463**	**L2000632**	**L2000635**
Sampling Date(s):	**1/6/2020**	**1/7/2020**	**1/7/2020**
Report Date:	**1/29/2020**	**1/14/2020**	**1/14/2020**
Data Package Inspection/Deliverables	Yes	Yes	Yes
Analytical Method(s)	8270D-SIM, 6020, 8081B, 8082A, 8260C/5035, 8270D, 6010D	8081B, 8082A, 8260C, 8270D/5035, 8270D, 6010D	8081B, 8082A, 8260C, 8270D/8270D-SIM, 6020
Preservation and Holding Time	Preserved appropriately; analyzed within hold time	Preserved appropriately; analyzed within hold time	Preserved appropriately; analyzed within hold time
Site-specific MS/MSD	No	No	No
MS/MSD Recoveries*	The WG1327595-3 MS recoveries for aluminum (315%), calcium (130%), iron (470%), manganese (280%) and sodium (0%), performed on L2000463-09, do not apply because the sample concentrations are greater than four times the spike amounts added. The WG1327595-3 MS recoveries, performed on L2000463-09, are outside the acceptance criteria for copper (129%) and zinc (142%). A post digestion spike was performed and was within acceptance criteria.	Total Metals: The WG1328111-3 MS recoveries for aluminum (577%) and iron (1050%), performed on L2000632-01, do not apply because the sample concentrations are greater than four times the spike amounts added.	Within Limts
Duplicate Samples	No	Yes	No
Surrogates	All surrogate recoveries were considered acceptable and within QC limits.	All surrogate recoveries were considered acceptable and within QC limits.	All surrogate recoveries were considered acceptable and within QC limits.
LCS/LCSD	Semivolatile Organics: The WG1327667-2/-3 LCS/LCSD recoveries, associated with L2000463-01 through -08, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.	The associated LCS recovery met acceptable criteria.	Semivolatile Organics: The WG1328113-2/-3 LCS/LCSD recoveries, associated with L2000635-01 and -02, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.
Evidence of Field Contamination (FB/TB)	No	No	No
Evidence of Laboratory Contamination (MB)	Total Metals: The WG1327792-1 Method Blank, associated with L2000463-01 through -08, has a concentration above the reporting limit for Iron. Since the associated sample concentrations are greater than 10x the blank concentration for this analyte, no corrective action is required.	No	Total Metals: The WG1328026-1 Method Blank, associated with L2000635-01 and -02, has a concentration above the reporting limit for calcium. Since the associated sample concentrations are greater than 10x the blank concentration for this analyte, no corrective action is required.
Calibration/Etc.	No issues noted	No issues noted	No issues noted
RL Evaluation: Criteria/RL	Total Metals: L2000463-01 through -08: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.	Total Metals: L2000632-01 through -14: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.	Acceptable
Other QC Data	The WG1327595-4 Laboratory Duplicate RPDs for aluminum (29%), arsenic (24%), iron (54%) and vanadium (47%), performed on L2000463-09, are outside the acceptance criteria. The elevated RPDs have been attributed to the non-homogeneous nature of the native sample.	None	None
Conclusion:	Data is usable as reported	Data is usable as reported	Data is usable as reported

Note:
1. Analytical data report provided by Alpha Analytical.

APPENDIX I. DATA USABILITY SUMMARY REPORT

205 Park Avenue
Brooklyn, New York

Laboratory Report Number	**L2000840**	**L2000844**	**L2001065**	**L2055577**
Sampling Date(s):	**1/8/2021**	**1/8/2020**	**1/8-9/2020**	**12/11/2020**
Report Date:	**1/14/2020**	**1/20/2020**	**1/17/2020**	**12/23/2020**
Data Package Inspection/Deliverables	Yes	Yes	Yes	Yes
Analytical Method(s)	TO-15	8270D/8270D-SIM, 8081B, 8082A, 8260C,6020	TO-15	8270D, 6010D
Preservation and Holding Time	Preserved appropriately; analyzed within hold time	Preserved appropriately; analyzed within hold time	Preserved appropriately; analyzed within hold time	Preserved appropriately; analyzed within hold time
Site-specific MS/MSD	No	No	No	No
MS/MSD Recoveries*	Within Limts	Within Limts	Within Limts	Within Limts
Duplicate Samples	No	Yes	Yes	No
Surrogates	All surrogate recoveries were considered acceptable and within QC limits.	All surrogate recoveries were considered acceptable and within QC limits.	All surrogate recoveries were considered acceptable and within QC limits.	All surrogate recoveries were considered acceptable and within QC limits.
LCS/LCSD	The associated LCS recovery met acceptable criteria.	Semivolatile Organics: The WG1328309-2/-3 LCS/LCSD recoveries, associated with L2000844-01, -02, -03, -04, and -06, are below the acceptance criteria for benzoic acid (0%/0%); however, it has been identified as a "difficult" analyte. The results of the associated samples are reported.	The associated LCS recovery met acceptable criteria.	The associated LCS recovery met acceptable criteria.
Evidence of Field Contamination (FB/TB)	No	Total Metals: L2000844-06: The Field Blank has results for aluminum, barium, calcium, copper, lead, manganese and sodium present above the reporting limits. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.	No	No
Evidence of Laboratory Contamination (MB)	No	No	No	No
Calibration/Etc.	No issues noted	No issues noted	No issues noted	No issues noted
RL Evaluation: Criteria/RL	Acceptable	Acceptable	Acceptable	Total Metals: L2055577-01, -02 and -03: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.
Other QC Data	None	None	None	None
Conclusion:	Data is usable as reported	Data is usable as reported	Data is usable as reported	Data is usable as reported

Note:
1. Analytical data report provided by Alpha Ar

APPENDIX I. DATA USABILITY SUMMARY REPORT

205 Park Avenue
Brooklyn, New York

Laboratory Report Number	L2132198	L2132447	L2132476
Sampling Date(s):	6/14-15/2021	6/15/2021	6/15/2021
Report Date:	7/13/2021	6/22/2021	7/6/2021
Data Package Inspection/Deliverables	Yes	Yes	Yes
Analytical Method(s)	8270D/8270D-SIM, 8081B, 8082A, 8260C/5035, 6010D	TO-15	8260C/5035, 8081B, 8082A, 8270D, 6010D
Preservation and Holding Time	Preserved appropriately; analyzed within hold time	Preserved appropriately; analyzed within hold time	Preserved appropriately; analyzed within hold time
Site-specific MS/MSD	No	No	No
MS/MSD Recoveries*	Total Metals: The WG1514086-3 MS recoveries for aluminum (0%), iron (0%) and manganese (0%), performed on L2132198-01, do not apply because the sample concentrations are greater than four times the spike amounts added. The WG1514086-3 MS recoveries, performed on L2132198-01, are outside the acceptance criteria for antimony (54%) and magnesium (21%). A post digestion spike was performed and was within acceptance criteria.	Within Limts	Within Limts
Duplicate Samples	No	Yes	Yes
Surrogates	Perfluorinated Alkyl Acids by Isotope Dilution: L2132198-01 and WG1512640-3: The MeOH fraction of the extraction is reported for Perfluorooctanesulfonamide (FOSA) due to better extraction efficiency of the M8FOSA Surrogate (Extracted Internal Standard).	All surrogate recoveries were considered acceptable and within QC limits.	L2132476-01 and -05: The MeOH fraction of the extraction is reported for Perfluorooctanesulfonamide (FOSA) due to better extraction efficiency of the M8FOSA Surrogate (Extracted Internal Standard). L2132476-05: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.
LCS/LCSD	The associated LCS recovery met acceptable criteria.	The associated LCS recovery met acceptable criteria.	The associated LCS recovery met acceptable criteria.
Evidence of Field Contamination (FB/TB)	Total Metals: L2132198-11: The Field Blank has results for Aluminum, Barium, and Sodium present above the reporting limits. The sample was verified as being labeled correctly by the laboratory and the previous analysis showed there was no potential for carry over.	No	No
Evidence of Laboratory Contamination (MB)	No	No	No
Calibration/Etc.	No issues noted	No issues noted	No issues noted
RL Evaluation: Criteria/RL	Volatile Organics: L2132198-03: The sample was analyzed as a High Level Methanol based upon screen results. The sample was then analyzed as a Low Level in order to achieve lower reporting limits. The results of both analyses are reported. Differences were noted between the results of the analyses which have been attributed to vial discrepancies. Pesticides: L2132198-03: The internal standard (IS) response for 1-bromo-2-nitrobenzene (325%) was above the acceptance criteria on column A; however, the sample was not re-analyzed due to obvious interferences. Since the IS response was above method criteria, all associated compounds reported from this column are considered to have a potentially low bias. The surrogate recovery is outside the method acceptance criteria for decachlorobiphenyl (24%) due to interference with the Internal Standard.	Acceptable	Total Metals: L2132476-01 through -08: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by matrix interferences encountered during analysis.
Other QC Data	None	None	WG1513260-1R and WG1513260-2R: The sample was re-analyzed due to QC failures in the original analysis. The results of the re-analysis are reported.
Conclusion:	Data is usable as reported	Data is usable as reported	Data is usable as reported

Note:
1. Analytical data report provided by Alpha Ar

APPENDIX I. DATA USABILITY SUMMARY REPORT

205 Park Avenue
Brooklyn, New York

Laboratory Report Number	**L21334228**	**L2133448**	**L2133901**
Sampling Date(s):	**6/17-18/2021**	**6/18/2021**	**6/22/2021**
Report Date:	**7/19/2021**	**6/24/2021**	**7/19/2021**
Data Package Inspection/Deliverables	Yes	Yes	Yes
Analytical Method(s)	8270D/8270D-SIM, 8081B, 8082A, 8260C, 6020	TO-15	8270D/8270D-SIM, 8081B, 8082A, 8260C, 6020
Preservation and Holding Time	Preserved appropriately; analyzed within hold time	Preserved appropriately; analyzed within hold time	Preserved appropriately; analyzed within hold time
Site-specific MS/MSD	No	No	No
MS/MSD Recoveries*	Within Limts	Within Limts	Dissolved Metals: The WG1516532-3 MS recovery for sodium (0%), performed on L2133901-01, does not apply because the sample concentration is greater than four times the spike amount added.
Duplicate Samples	No	No	Yes
Surrogates	L2133428-01, -04, -05, WG1517824-1, and WG1517824-2: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details. L2133428-03, -04, and -05: The MeOH fraction of the extraction is reported for Perfluorooctanesulfonamide (FOSA) due to better extraction efficiency of the M8FOSA Surrogate (Extracted Internal Standard).	All surrogate recoveries were considered acceptable and within QC limits.	Perfluorinated Alkyl Acids by Isotope Dilution: L2133901-01 through -04: The MeOH fraction of the extraction is reported for Perfluorooctanesulfonamide (FOSA) due to better extraction efficiency of the M8FOSA Surrogate (Extracted Internal Standard). L2133901-01 through -04, WG1518196-1, and WG1518196-2: Extracted Internal Standard recoveries were outside the acceptance criteria for individual analytes. Please refer to the surrogate section of the report for details.
LCS/LCSD	The associated LCS recovery met acceptable criteria.	The associated LCS recovery met acceptable criteria.	The associated LCS recovery met acceptable criteria.
Evidence of Field Contamination (FB/TB)	Total Metals: L2133428-01: The Field Blank has a concentration above the reporting limit for Sodium. The results were confirmed. Dissolved Metals: L2133428-01: The Field Blank has a concentration above the reporting limit for Dissolved Sodium. The results were confirmed.	No	No
Evidence of Laboratory Contamination (MB)	No	No	No
Calibration/Etc.	No issues noted	No issues noted	No issues noted
RL Evaluation: Criteria/RL	Acceptable	Acceptable	Acceptable
Other QC Data	None	None	None
Conclusion:	Data is usable as reported	Data is usable as reported	Data is usable as reported

Note:
1. Analytical data report provided by Alpha An